

# I used Google Glass: the future, but with monthly updates

*Up close and personal with Google's visionary new computer*

By **Joshua Topolsky** (<http://www.theverge.com/users/joshuatopolsky>) on February 22, 2013 11:39 am Email (<mailto:joshua@theverge.com>) @joshuatopolsky  
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The frosted-glass doors on the 11th floor of Google's NYC headquarters part and a woman steps forward to greet me. This is an otherwise normal specimen of humanity. Normal height, slender build; her eyes are bright, inquisitive. She leans in to shake my hand and at that moment I become acutely aware of the device she's wearing in the place you would expect eyeglasses: a thin strip of aluminum and plastic with a strange, prismatic lens just below her brow. Google Glass.

What was a total oddity a year ago, and little more than an experiment just 18 months ago is now starting to look like a real product. One that could be in the hands (or on the heads, rather) of consumers by the end of this year. A completely new kind of computing device; wearable, designed to reduce distraction, created to allow you to capture and communicate in a way that is supposed to feel completely natural to the wearer. It's the anti-smartphone, explicitly fashioned to blow apart our notions of how we interact with technology.

But as I release from that handshake and study the bizarre device resting on my greeter's brow, my mind begins to fixate on a single question: who would want to wear this thing in public?

# Finding Glass

The Glass project was started "about three years ago" by an engineer named Babak Parviz as part of Google's X Lab initiative, the lab also responsible for — amongst other things — self-driving cars and neural networks. Unlike those epic, sci-fi R&D projects at Google, Glass is getting real much sooner than anyone expected. The company offered developers an option to buy into an early adopter strategy called the Explorer Program during its I/O conference last year, and just this week it extended that opportunity to [people in the US \(http://www.google.com/glass/start/how-to-get-one/faq/\)](http://www.google.com/glass/start/how-to-get-one/faq/) in a Twitter campaign which asks potential users to explain how they would put the new technology to use. Think of it as a really aggressive beta — something Google is known for.

I was about to beta test Glass myself. But first, I had questions.

Seated in a surprisingly bland room — by Google's whimsical office standards — I find myself opposite two of the most important players in the development of Glass, product director Steve Lee and lead industrial designer Isabelle Olsson. Steve and Isabelle make for a convincing pair of spokespeople for the product. He's excitable, bouncy even, with big bright eyes that spark up every time he makes a point about Glass. Isabelle is more reserved, but speaks with incredible fervency about the product. And she has extremely red hair. Before we can even start talking about Glass, Isabelle and I are in a heated conversation about how you define the color navy blue. She's passionate about design — a condition that seems to be rather contagious at Google these days — and it shows.

Though the question of design is at the front of my mind, a picture of why Glass exists at all begins to emerge as we talk, and it's clearly not about making a new fashion accessory. Steve tries to explain it to me.



"Why are we even working on Glass? We all know that people love to be connected. Families message each other all the time, sports fanatics are checking live scores for their favorite teams. If you're a frequent traveler you have to stay up to date on flight status or if your gate changes. Technology allows us to connect in that way. A big problem right now are the distractions that technology causes. If you're a parent — let's say your child's performance, watching them do a soccer game or a musical. Often friends will be holding a camera to capture that moment. Guess what? It's gone. You just missed that amazing game." Isabelle chimes in, "Did you see that Louis C.K. stand up when he was telling parents, 'your kids are better resolution in real life?'" Everyone laughs, but the point is made.



"WHAT IF WE  
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TECHNOLOGY  
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SENSES?"

Human beings have developed a new problem since the advent of the iPhone and the following mobile revolution: no one is paying attention to anything they're actually doing. Everyone seems to be looking down at something or through something. Those perfect moments watching your favorite band play or your kid's recital are either being captured via the lens of a device that sits between you and the actual experience, or being interrupted by constant notifications. Pings from the outside world, breaking into what used to be whole, personal moments.

Steve goes on. "We wondered, what if we brought technology closer to your senses? Would that allow you to more quickly get information and connect with other people but do so in a way — with a design — that gets out of your way when you're not interacting with technology? That's sort of what led us to Glass." I can't stop looking at the lens above his right eye. "It's a new wearable technology. It's a very ambitious way to tackle this problem, but that's really sort of the underpinning of why we worked on Glass."

I get it. We're all distracted. No one can pay attention. We're missing all of life's moments. Sure, it's a problem, but it's a new problem, and this isn't the first time we've been distracted by a new technology. Hell, they used to think car radios would send drivers careening off of the highways. We'll figure out how to manage our distraction, right?

Maybe, but obviously the Glass team doesn't want to wait to find out. Isabelle tells me about the moment the concept clicked for her. "One day, I went to work — I live in SF and I have to commute to Mountain View and there are these shuttles — I went to the shuttle stop and I saw a line of not 10 people but 15 people standing in a row like this," she puts her head down and mimics someone poking at a smartphone. "I don't want to do that, you know? I don't want to be that person. That's when it dawned on me that, OK, we have to make this work. It's bold. It's crazy. But we think that we can do something cool with it."

Bold and crazy sounds right, especially after Steve tells me that the company expects to have Glass on the market as a consumer device by the end of *this year*.





# Google-level design

Forget about normal eyeglasses for a moment. Forget about chunky hipster glasses. Forget about John Lennon's circle sunglasses. Forget The Boys of Summer; forget how she looks with her hair slicked back and her Wayfarers on. Pretend that stuff doesn't exist. Just humor me.

The design of Glass is actually really beautiful. Elegant, sophisticated. They look human and a little bit alien all at once. Futuristic but not out of time — like an artifact from the 1960's, someone trying to imagine what 2013 would be like. This is Apple-level design. No, in some ways it's beyond what Apple has been doing recently. It's daring, inventive, playful, and yet somehow still ultimately simple. The materials feel good in your hand and on your head, solid but surprisingly light. Comfortable. If Google keeps this up, soon we'll be saying things like "this is Google-level design."



*IT'S LIKE AN ARTIFACT FROM THE 1960'S, SOMEONE TRYING TO IMAGINE WHAT 2013 WOULD BE LIKE*

Even the packaging seems thoughtful.

The system itself is made up of only a few basic pieces. The main body of Glass is a soft-touch plastic that houses the brains, battery, and counterweight (which sits behind your ear). There's a thin metal strip that creates the arc of the glasses, with a set of rather typical pad arms and nose pads which allow the device to rest on your face.



Google is making the first version of the device in a variety of colors. If you didn't want to get creative, those colors are: gray, orange, black, white, and light blue. I joke around with Steve and Isabelle about what I think the more creative names would be. "Is the gray one Graphite? Hold on, don't tell me. I'm going to guess." I go down the list. "Tomato? Onyx? Powder — no Avalanche, and Seabreeze." Steve and Isabelle laugh. "That's good," Isabelle says.

But seriously. Shale. Tangerine. Charcoal. Cotton. Sky. So close.



*I STARTED TO GET  
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"ME"*

That conversation leads into discussion of the importance of color in a product that you wear every day. "It's one of those things, you think like, 'oh, whatever, it is important,' but it's a secondary thing. But we started to realize how people get attached to the device... a lot of it is due to the color," Isabelle tells me.

And there is something to it. When I saw the devices in the different colors, and when I tried on Tangerine and Sky, I started to get emotional about which one was more "me." It's not like how you feel about a favorite pair of sunglasses, but it evokes a similar response. They're supposed to feel like yours.

Isabelle came to the project and Google from Yves Behar's design studio. She joined the Glass team when their product was little more than a bizarre pair of white eyeglass frames with comically large circuit boards glued to either side. She shows me — perhaps ironically — a Chanel box with the original prototype inside, its prism lens limply dangling from the right eye, a gray ribbon cable strewn from one side to the other. The breadboard version.

It was Isabelle's job to make Glass into something that you *could* wear, even if maybe you still weren't sure you *wanted* to wear it. She gets that there are still challenges.

The Explorer edition which the company will ship out has an interchangeable sunglass accessory which twists on or off easily, and I must admit makes Glass look slightly more sane. I also learn that the device actually comes apart, separating that center metal rim from the brains and lens attached on the right. The idea is that you could attach another frame fitted for Glass that would completely alter the look of the device while still allowing for the heads-up functionality. Steve and Isabelle won't say if they're working with partners like Ray-Ban or Tom Ford (the company that makes my glasses), but the *New York Times* (<http://www.nytimes.com/2013/02/21/technology/google-looks-to-make-its-computer-glasses-stylish.html>) just reported that Google is speaking to Warby Parker, and I'm inclined to believe that particular rumor. It's obvious the company realizes the need for this thing to not just look wearable — Google needs people to want to wear it.

So yes, the Glass looks beautiful to me, but I still don't want to wear it.



# Topolsky in Mirrorshades

Finally I get a chance to put the device on and find out what using Glass in the real world actually feels like. This is the moment I've been waiting for all day. It's really happening.

When you activate Glass, there's supposed to be a small screen that floats in the upper right-hand of your field of vision, but I don't see the whole thing right away. Instead I'm getting a ghost of the upper portion, and the bottom half seems to melt away at the corner of my eye.

Steve and Isabelle adjust the nose pad and suddenly I see the glowing box. Victory.

It takes a moment to adjust to this spectral screen in your vision, and it's especially odd the first time you see it, it disappears, and you want it to reappear but don't know how to make it happen. Luckily that really only happens once, at least for me.

Here's what you see: the time is displayed, with a small amount of text underneath that reads "ok glass." That's how you get Glass to wake up to your voice commands. Actually, it's a two-step process. First you have to touch the side of the device (which is actually a touchpad), or tilt your head upward slowly, a gesture which tells Glass to wake up. Once you've done that, you start issuing commands by speaking "ok glass" first, or scroll through the options using your finger along the side of the device. You can scroll items by moving your finger backwards or forward along the strip, you select by tapping, and move "back" by swiping down. Most of the big interaction is done by voice, however.

The device gets data through Wi-Fi on its own, or it can tether via Bluetooth to an Android device or iPhone and use its 3G or 4G data while out and about. There's no



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THEN IT'S GONE*

cellular radio in Glass, but it does have a GPS chip.

Let me start by saying that using it is actually nearly identical to what the company showed off in its newest demo video. That's not CGI — it's what Glass is actually like to use. It's clean, elegant, and makes relative sense. The screen is not disruptive, you do not feel burdened by it. It is there and then it is gone. It's not shocking. It's not jarring. It's just this new thing in your field of vision. And it's actually pretty cool.



*Images taken with Google Glass*

Glass does all sorts of basic stuff after you say "ok glass." Things you'll want to do right away with a camera on your face. "Take a picture" snaps a photo. "Record a video" records ten seconds of video. If you want more you can just tap the side of the device. Saying "ok glass, Google" gets you into search, which plugs heavily into what Google has been doing with Google Now and its Knowledge Graph. Most of the time when you ask Glass questions you get hyper-stylized cards full of information, much like you do in Google Now on Android.

The natural language search works most of the time, but when it doesn't, it can be confusing, leaving you with text results that seem like a dead-end. And Glass doesn't always hear you correctly, or the pace it's expecting you to speak at doesn't line up with reality. I struggled repeatedly with Glass when issuing voice commands that seemed to come too fast for the device to interpret. When I got it right however, Glass usually responded quickly, serving up bits of information and jumping into action as expected.

Some of the issues stemmed from a more common problem: no data. A good data connection is obviously key for the device to function properly, and when taking Glass outside for stroll, losing data or experiencing slow data on a phone put the headset into a near-unusable state.

Steve and Isabelle know the experience isn't perfect. In fact, they tell me that the team plans to issue monthly updates to the device when the Explorer program starts rolling. This is very much a work in progress.

But the most interesting parts of Glass for many people won't be its search functionality, at least not just its basic ability to pull data up. Yes, it can tell you how old Brad Pitt is (49 for those keeping count), but Google is more interested in what it can do for you in the moment. Want the weather? It can do that. Want to get directions? It can do that and display a realtime, turn-by-turn overlay. Want to have a Google Hangout with someone that allows them to see what you're seeing? Yep, it does that.





But the feature everyone is going to go crazy with — and the feature you probably most want to use — is Glass' ability to take photos and video with a "you are there" view. I won't lie, it's amazingly powerful (and more than a little scary) to be able to just start recording video or snapping pictures with a couple of flicks of your finger or simple voice commands.

At one point during my time with Glass, we all went out to navigate to a nearby Starbucks — the camera crew I'd brought with me came along. As soon as we got inside however, the employees at Starbucks asked us to stop filming. Sure, no problem. But I kept the Glass' video recorder going, all the way through my order and getting my coffee. Yes, you can see a light in the prism when the device is recording, but I got the impression that most people had no idea what they were looking at. The cashier seemed to be on the verge of asking me what I was wearing on my face, but the question never came. He certainly never asked me to stop filming.

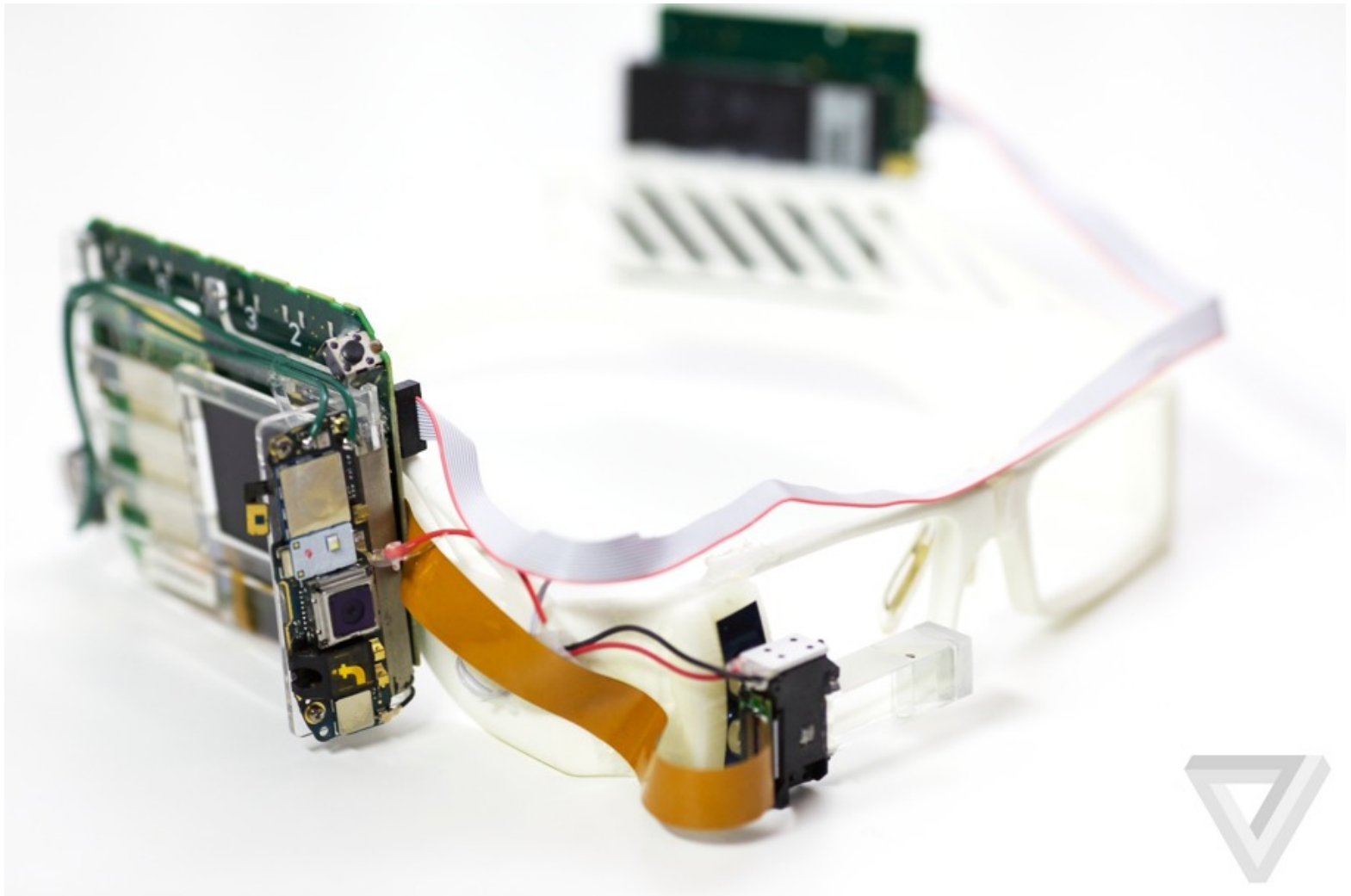
## *BUT THE FEATURE EVERYONE IS GOING TO GO CRAZY WITH IS GLASS' ABILITY TO TAKE PHOTOS AND VIDEO WITH A "YOU ARE THERE" VIEW*

Once those Explorer editions are out in the world, you can expect a slew of use (and misuse) in this department. Maybe misuse is the wrong word here. Steve tells me that part of the Explorer program is to find out how people want to (and will) use Glass. "It's really important," he says, "what we're trying to do is expand the community that we have for Glass users. Currently it's just our team and a few other Google people testing it. We want to expand that to people outside of Google. We think it's really important, actually, for the development of Glass because it's such a new product and it's not just a piece of software. We want to learn from people how it's going to fit into their lifestyle." He gets the point. "It's a very intimate device. We'd like to better understand how other people are going to use it. We think they'll have a great opportunity to influence and shape the opportunity of Glass by not only giving us feedback on the product, but by helping us develop social norms as well."

I ask if it's their attempt to define "Glass etiquette." Will there be the Glass version of Twitter's RT? "That's what the Explorer program is about," Steve says. But that's not going to answer questions about what's right and wrong to do with

a camera that doesn't need to be held up to take a photo, and often won't even be noticed by its owner's subjects. Will people get comfortable with that? Are they supposed to?

The privacy issue is going to be a big hurdle for Google with Glass. Almost as big as the hurdle it has to jump over to convince normal people to wear something as alien and unfashionable as Glass seems right now.



But what's it actually like to have Glass on? To use it when you're walking around? Well, it's kind of awesome.

Think of it this way — if you get a text message or have an incoming call when you're walking down a busy street, there are something like two or three things you have to do before you can deal with that situation. Most of them involve you completely taking your attention off of your task at hand: walking down the street. With Glass, that information just appears to you, in your line of sight, ready for you to take action on. And taking that action is little more than touching the side of Glass or tilting your head up — nothing that would take you away from your main task of not running into people.

It's a simple concept that feels powerful in practice.

The same is true for navigation. When I get out of trains in New York I am constantly jumping right into Google Maps to figure out where I'm headed. Even after more than a decade in the city, I seem to never be able to figure out which way to turn when I exit a subway station. You still have to grapple with asking for directions with Glass, but removing the barrier of being completely distracted by the device in your hand is significant, and actually receiving directions as you walk and even more significant. In the city, Glass make you feel more powerful, better equipped, and definitely less diverted.

*IN THE CITY, GLASS MAKE YOU FEEL MORE POWERFUL, BETTER EQUIPPED, AND DEFINITELY LESS DIVERTED*

I will admit that wearing Glass made me feel self-conscious, and maybe it's just my paranoia acting up (or the fact that I look like a huge weirdo), but I felt people staring at me. Everyone who I made eye contact with while in Glass seemed to

be just about to say "hey, what the hell is that?" and it made me uncomfortable.

Steve claims that when those questions do come, people are excited to find out what Glass is. "We've been wearing this for almost a year now out in public, and it's been so interesting and exciting to do that. Before, we were super excited about it and confident in our design, but you never know until you start wearing it out and about. Of course my friends would joke with me 'oh no girls are going to talk to you now, they'll think it's strange.' The exact opposite happened."

I don't think Glass is right for every situation. It's easy to see how it's amazing for parents to capture all of the adorable things their kids are doing, or for skydivers and rock climbers who clearly don't have their hands free and also happen to be having life changing experiences. And yes, it's probably helpful if you're in Thailand and need directions or translation — but this might not be that great at a dinner party, or on a date, or watching a movie. In fact, it could make those situations very awkward, or at the least, change them in ways you might not like.

Sometimes you want to be distracted in the old fashioned ways. And sometimes, you want people to see you — not a device you're wearing on your face. One that may or may not be recording them right this second.

And that brings me back to the start: who would want to wear this thing in public?



## Not if, but when

Honestly, I started to like Glass a lot when I was wearing it. It wasn't uncomfortable and it brought something new into view (both literally and figuratively) that has tremendous value and potential. I don't think my face looks quite right without my glasses on, and I didn't think it looked quite right while wearing Google Glass, but after a while it started to feel less and less not-right. And that's something, right?

The sunglass attachment Google is shipping with the device goes a long way to normalizing the experience. A partnership with someone like Ray-Ban or Warby Parker would go further still. It's actually easy to see now — after using it, after feeling what it's like to be in public with Glass on — how you could get comfortable with the device.



# I WALKED AWAY CONVINCED THIS WASN'T JUST ONE OF GOOGLE'S WEIRD FLIGHTS OF FANCY

Is it ready for everyone right now? Not really. Does the Glass team still have huge distance to cover in making the experience work just the way it should every time you use it? Definitely.

But I walked away convinced that this wasn't just one of Google's weird flights of fancy. The more I used Glass the more it made sense to me; the more I wanted it. If the team had told me I could sign up to have my current glasses augmented with Glass technology, I would have put pen to paper (and money in their hands) right then and there. And it's that kind of stuff that will make the difference between this being a niche device for geeks and a product that everyone wants to experience.

After a few hours with Glass, I've decided that the question is no longer 'if,' but 'when?'

**Video shot and edited by:** Jordan Oplinger & Ryan Manning; Additional editing by Billy Disney

**Photography:** Michael Shane

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**dtpacula** (<http://www.theverge.com/users/dtpacula>)

new DEAL WITH IT! gif NOW!!! also, this is awesome!

Posted on Feb 22, 2013 | 11:40 AM (#145668451)

[Reply \(#\)](#)



**vreza** (<http://www.theverge.com/users/vreza>)

I knew it! Thought of this when u mentioned it during the Vergecast.

Posted on Feb 22, 2013 | 11:42 AM (#145668707)

[Reply \(#\)](#)



**Cats-R-Friend** (<http://www.theverge.com/users/Cats-R-Friend>)

Wow this is amazing.. amazing, amazing, amazing, article

Posted on Feb 22, 2013 | 11:50 AM (#145670419)

[Reply \(#\)](#)

**mattkicksass** (<http://www.theverge.com/users/mattkicksass>)

Unbelievably polished and professional. This site keeps raising my definition of excellent reporting. There's not a single other outfit that's putting out content that even resembles stuff like this.

Posted on Feb 22, 2013 | 11:59 AM (#145672027)

[Reply \(#\)](#)

**m94** (<http://www.theverge.com/users/m94>)

THE VERGE, I LOVE YOU

Posted on Feb 22, 2013 | 12:04 PM (#145673137)

[Reply \(#\)](#)



**DrDoppio** (<http://www.theverge.com/users/DrDoppio>)

Get a life.

Posted on Feb 22, 2013 | 4:09 PM (#145728071)

[Reply \(#\)](#)

**reflexor** (<http://www.theverge.com/users/reflexor>)

google glass is overrated by the android fans just because its made by google. Fact: google glass is not amazing, it just shows a clock, the weather, and lets you take pics. That is the extent of its features, and theres nothing good about it. Its a gigantic gimmick and anyone saying its innovative wouldnt be saying that if it wasnt made by google.

[caseyls \(http://www.theverge.com/users/caseyls\)](http://www.theverge.com/users/caseyls)

I bet you're fun at parties.

Posted on Feb 22, 2013 | 10:03 PM (#145797225)

Reply (#)

[Karma Police \(http://www.theverge.com/users/Karma\\_Police\)](http://www.theverge.com/users/Karma_Police)

He's kind of right though. Maybe in 5 years' time when there's a convergence of tech and perfect UI (I don't think the voice approach is very elegant) it can be one of those things you can't live without, but in its current form, it doesn't seem very useful.

Posted on Feb 24, 2013 | 10:33 PM (#146193007)

Reply (#)

[TommyVercetti \(http://www.theverge.com/users/TommyVercetti\)](http://www.theverge.com/users/TommyVercetti)

Seems useful to me, like when the wife is talking to me n my heads buried in my phone I get no end of grief, now I can be like yeah, uhuh, yep, really? *-Are you listening to me?* .....What?!! I'm lookin right at you aren't !!

Posted on Feb 26, 2013 | 12:07 PM (#146454091)

Reply (#)

[ualdayan \(http://www.theverge.com/users/ualdayan\)](http://www.theverge.com/users/ualdayan)

Well, look how far Android has come in such a short time. Presumably they could release this version this year, and just 1 year later have a version that can project anywhere in your field of vision. (imagine things like the camera noticing bar codes, and telling you 'Hey, this is on sale and \$50 cheaper at XXXX store nearby', or even telling you perhaps '90% of people who buy the thing you're looking at rate it as bad'). Right now it might be pictures/video/google search/navigation, but we have no idea what improvements might happen between now and the end of the year.

Plus, the actual hardware is merely a display and touch interface on the side. If they open it up to 3rd party apps being able to display things on it imagine where that could go.

Posted on Feb 26, 2013 | 5:46 PM (#146530627)

Reply (#)

[ilovemilwaukee \(http://www.theverge.com/users/ilovemilwaukee\)](http://www.theverge.com/users/ilovemilwaukee)

Time will tell but it seems like basic social updates, third-party integration (think RunKeeper) and AR will all be part of the package. Also, who cares who's making it? It's been established it will also work with iOS devices. Google might be first but they won't be the last. Wearable computing is going to have as much of impact as smartphones have had. And even if it is a "gimmick", it'll be an improvement on Bluetooth earpieces.

Posted on Feb 22, 2013 | 10:30 PM (#145803339)

Reply (#)

[scrumtrelescent7 \(http://www.theverge.com/users/scrumtrelescent7\)](http://www.theverge.com/users/scrumtrelescent7)

Look at the impact smartphones and tablets have had on gaming with the Wii U, Xbox Smartglass, and Vita Crossplay... they can suck it. Make Glass talk to my PS4 and give me a HUD that I can manipulate with the Kinect-like sensor by moving things with my hands in the space in front of me. Sounds pretty damn immersive.

Posted on Feb 22, 2013 | 10:51 PM (#145807677)

Reply (#)

[pixelstation \(http://www.theverge.com/users/pixelstation\)](http://www.theverge.com/users/pixelstation)

Yes! It would be awesome if suddenly the game's HUD is next to your vision. It's a much better gaming experience and I'm not even /s. This can be great for gaming.

Posted on Feb 25, 2013 | 1:20 AM (#146209763)

Reply (#)

[Maurice Galactica \(http://www.theverge.com/users/Maurice%20Galactica\)](http://www.theverge.com/users/Maurice%20Galactica)

I only see trouble with this device as people use it to check each other's power levels and as they find that someone's power levels is over 9000 they'll rage into accidentally

breaking such a fine piece of technology.

Posted on Feb 23, 2013 | 2:29 PM (#145891203)

Reply (#)

[Trippin' \(http://www.theverge.com/users/Trippin'\)](http://www.theverge.com/users/Trippin')

You mean, Key Lime Pie will have an integrated Dragon Radar holo app?

Now that meteor in Russia couldn't have come in a better time.

Posted on Feb 24, 2013 | 9:30 PM (#146178773)

Reply (#)

[kenansadhu \(http://www.theverge.com/users/kenansadhu\)](http://www.theverge.com/users/kenansadhu)

you're awesome

Posted on Feb 26, 2013 | 8:45 PM (#146568153)

Reply (#)

[zyofeng \(http://www.theverge.com/users/zyofeng\)](http://www.theverge.com/users/zyofeng)

Siri is a gigantic gimmick, criticizing something that's still under heavy development and not even commercially available then call it overrated (by whom really? I haven't seen a "overrated" review yet) is just plain stupid.

Posted on Feb 22, 2013 | 11:08 PM (#145811187)

Reply (#)

[mem\\_user \(http://www.theverge.com/users/mem\\_user\)](http://www.theverge.com/users/mem_user)

I agree that this is a work in progress, but I do not agree that Siri is a gigantic gimmick. Have you ever really used Siri. I use it daily and it really is amazing. Siri may not be as fast as Google Now/Voice for internet searches, but when used for stuff like reminders, texting, calling people, looking up stuff on the internet, mapping....well, it is very useful. And Siri does reminders, calling people, text and emails 1000% better than Google Now does them. Yes, I do know because I also have a Nexus 4 that I have been trying out.

To be driving down the road, not have to remove my eyes even for a second and have my phone text someone, read my text, email someone or place a call is extremely convenient. So before you smear Apple because you are in love with Google think about it. Dont speak out of turn or say something you have to support to back it up. Dont listen to the masses. Dont let other tell you what to think. Think for yourself.

Posted on Feb 23, 2013 | 8:37 AM (#145844773)

Reply (#)

[Drachen \(http://www.theverge.com/users/Drachen\)](http://www.theverge.com/users/Drachen)

I won't say that one is better than the other because I have limited experience with Google now and next to no experience with Siri. However, all of the things you mentioned, while driving, are things that you have been able to do even before google now (google voice action commands with android 2.2 I believe but I could be wrong and it might have been earlier) and I agree that being able to do these things is great.

Posted on Feb 23, 2013 | 9:21 AM (#145847347)

Reply (#)

[Storm14K \(http://www.theverge.com/users/Storm14K\)](http://www.theverge.com/users/Storm14K)

Can it. For starters had that deal gone down with Verizon and Siri landed as an Verizon/DROID exclusive. Just about every current Siri fan would have been calling it a gimmick. And you know what... it IS a gimmick. It's not like this hadn't been around before. The app was bought by Apple and there were Android apps doing the same thing like Speaktot. No one thought much of this idea until Apple blessed it and all the fans started raving about it. Mind you much of this functionality was already baked into Android. About the only thing you didn't have was calendar control. The reminders, messaging etc. were already there and a bit more flexible on Android as you can specify they app you want to use for some things.

And Siri really shouldn't be mentioned in the same paragraph as Google Now. Its a totally different beast. Where Siri is advanced voice commands Now is about doing things for you without you having to ask. Its about knowing where you are, what you're doing or about to do and what you normally do to have the information you'll most likely need in place. Siri is good at understanding your requests worded in various ways but its not really intelligent when compared to Now.



**[angermeans \(http://www.theverge.com/users/angermeans\)](http://www.theverge.com/users/angermeans)**

You do know that Siri was not a finished product and was a completely different beast before Apple purchased it, right? I've used Android and there so called voice actions since the Nexus One and have owned every Nexus device besides the Nexus 10. Yes, Google Now does a lot of great things, but it is no where as polished as Siri is. Being a fan of Android and iOS I can say that as I've actually used both for more than just a couple minutes. You can't call one a gimmick without calling the other a gimmick as yes they are different things, but they do a lot of the same things. Google Now is great for Google searches, but I wouldn't call it great at predicting about what your going to do. Yes, it knows the traffic to a place I commonly visit, but in the same regard it is mixing up my favorite restaurant with my job and so forth. I get a lot more junk in Google Now than I ever get worthwhile material and I think if you really thought about it you would feel the same. Beyond the release of Jelly Bean and when the new features slowly trickle out I often forget it is even there and don't use it often at all (mostly because of all the junk that I mentioned above as it is more a hassle then anything and Im constantly swiping junk away. For example, I like to check sports scores very often and I have teams that I really don't care about, but I want to know the score they are currently playing. That doesn't mean I always want to catch every game they play especially in seasons that are extremely long like basketball and baseball.)

I find it funny how people that talk about Siri and immediately there are a bunch of comments praising Google Now for its speed or functionality and how they feel it trumps Siri. Yes, they both are great, but I have yet to meet someone that really uses it often. Siri on the other hand is very functional. Yes, it has it's problems and is far from perfect, but if you have ever had a person in your phone book that uses a different spelling (My wife's name is Krystle) good luck getting Google Now to find it. I honestly had to change her name to my wife to get it to work whereas, Siri will remember if you say call my wife and it asks only once who that is. This works for everything. It is hands down better at the basics like sending a quick text or email whereas Google Now is more often then not some comical rendition of what it thinks I said. It is no way great or praiseworthy like you are trying to make it out to be. In time I think it will, but so will Siri. Siri is honestly something I use daily when I am driving and is integrated with the headphones that come with the phone. I had a hard time finding a pair that worked with my Galaxy Nexus or Nexus 7 and all the errors I mentioned above where magnified when I finally did.

On the last thought do you really think for a second the product that Verizon would have released would have been anywhere near what Apple did? There is no way in God's green earth that it would be. Then it would be a gimmick. To sum up the difference between Siri and Google Now is the same difference I see in all iOS vs Android. Apple has a product that is useful and very polished whereas Google has a product that is on its way, but not quite there. Do I wish some of the features of Google Now was in Siri? Of course I do, but I would rather have the polish of doing the common things like voice recognition that make everything better than having it work with some third party apps (does Google Now even do this? I know you can launch an app, but you can do the same on Siri), or get some things fed to you that you might need later, but I really just want what I ask for not to have to constantly dig through worthless content to get to one or two worthwhile cards.

**[Sweeney \(http://www.theverge.com/users/Sweeney\)](http://www.theverge.com/users/Sweeney)**

Siri is however only one facet of the iPhone. The WHOLE of Glasses seems to be a gimmick at the moment. This may change in the future, but at the moment it's rather less functional and usefull than the Mk1 iPhone.

**[ILL TROOPER \(http://www.theverge.com/users/ILL%20TROOPER\)](http://www.theverge.com/users/ILL%20TROOPER)**

I kinda just have to say "STFU" when people say Siri is a "gimmick." It's like you've forgotten what the word 'gimmick' means when you sloppily throw the word around.

Siri isn't a gimmick when I use it several times a day to set reminders, reply to texts, set destinations for the GPS and more.

What you're really saying is that you don't like something if Apple does it. Totally valid if that's where you want to be. But you're not offering up anything that can disprove that I find Siri helpful – and you're being just as dismissive as they guy you claim is being "plain stupid" for the exact criticism.

Posted on Feb 25, 2013 | 6:40 PM (#146331499)

Reply (#)



[ryallen23 \(http://www.theverge.com/users/ryallen23\)](http://www.theverge.com/users/ryallen23)

video? navigation?

Posted on Feb 22, 2013 | 11:20 PM (#145813531)

Reply (#)

[gremlyn \(http://www.theverge.com/users/gremlyn\)](http://www.theverge.com/users/gremlyn)

There is no "Fact" here, that is just a personal opinion.

Posted on Feb 23, 2013 | 12:19 AM (#145822641)

Reply (#)



[EKIN09 \(http://www.theverge.com/users/EKIN09\)](http://www.theverge.com/users/EKIN09)

It's a big first step, just think of how advanced the UI and hardware will be in 5 years – 10 years.

Posted on Feb 23, 2013 | 12:41 AM (#145826243)

Reply (#)

[Alexandr \(http://www.theverge.com/users/Alexandr\)](http://www.theverge.com/users/Alexandr)

Yup, that's the most exciting point! This is basically a 1.0 device... Imagine the third or fourth version of this and you can see that Google is really ahead of everyone else in the tech race :)

Posted on Feb 23, 2013 | 6:28 AM (#145841881)

Reply (#)

[p1n0yg33k \(http://www.theverge.com/users/p1n0yg33k\)](http://www.theverge.com/users/p1n0yg33k)

Thanks! I'll just wait for 10 years to buy and really enjoy this device. Because there's no way this device would last for more than 30 mins. walking around NYC with GPS and data or WiFi turned on. Nice concept but the battery technology is not there yet. We complain how our smartphones ran out of juice and they haven't really improve the technology that much since then. I'm not in a hurry and let me enjoy my smartphone first for another 9 years then I'm ready for this.

Posted on Feb 25, 2013 | 6:07 PM (#146325983)

Reply (#)



[SRPuffinstuff \(http://www.theverge.com/users/SRPuffinstuff\)](http://www.theverge.com/users/SRPuffinstuff)

wait, why would this last only 30 mins with GPS and data and a VERY TINY screen, when our slim little phones do 10+ hours under the exact same conditions, except with GIGANTIC BRIGHT screens? You're not making any sense, love.

Posted on Feb 26, 2013 | 1:53 PM (#146476479)

Reply (#)



[quadrige \(http://www.theverge.com/users/quadrige\)](http://www.theverge.com/users/quadrige)

anyone saying its innovative wouldnt be saying that if it wasnt made by google

Of course, it's precisely interesting because it comes with the whole Google ecosystem behind it.

Posted on Feb 23, 2013 | 7:30 AM (#145843019)

Reply (#)



[esmtll \(http://www.theverge.com/users/esmtll\)](http://www.theverge.com/users/esmtll)

So you've read the article then?

Posted on Feb 23, 2013 | 9:32 AM (#145848015)

Reply (#)



**QuarterSwede** (<http://www.theverge.com/users/QuarterSwede>)

Anyone who has kids and sees the Google promo video instantly knows how useful Glass is. I mean, it's an "ah ha" moment. If I got these I'd have hilarious videos to show at least daily but most likely more often.

Posted on Feb 23, 2013 | 10:24 AM (#145852647)

[Reply \(#\)](#)

**zox** (<http://www.theverge.com/users/zox>)

So if it was made by Apple it would be a great product instead.

Posted on Feb 23, 2013 | 4:38 PM (#145921907)

[Reply \(#\)](#)

**Sparksy** (<http://www.theverge.com/users/Sparksy>)

I think you are missing the bigger, long term picture here. This is akin to Apple's foray into the mobile world. At first it seemed amazing, but limited. Touch screens, maps, etc, none of it was new but the package it was in WAS! I think once this thing is in the hands of real world users, coupled with Google's obvious desire to perfect this device, you will see amazing innovative third party apps come to life. Surgeons wearing this with patient vitals accessible at all times. Imagine surgeons conferencing with another surgeon for advice during surgery. Imagine a dentist doing a root canal pulling up the patients xrays. Pedestrians getting life saving CPR info with two free hands. Police using these to quickly scan a Drivers license to access all details on the driver. Pull up recipes or identify substitutions while you are cooking. I can imagine a world where this product has so many useful avenues that people will look back 5 years after it's launch and say, "how did we manage without it." Just like we do with smart phones now.

Posted on Feb 23, 2013 | 8:14 PM (#145965749)

[Reply \(#\)](#)

**cult of one** (<http://www.theverge.com/users/cult%20of%20one>)

For me it would be accessing presentations while giving them like a teleprompter.

I have hundreds of clients and having all their details in front of me while I am interacting with them (payment history, orders in the system, past buying history, their partners names and so many other things). I would like to have integration into regular glasses like Josh said in the article

Posted on Feb 24, 2013 | 9:54 PM (#146184729)

[Reply \(#\)](#)

**ThatsMe** (<http://www.theverge.com/users/ThatsMe>)

google glass is overrated by the android fans just because its made by google.  
Fact: google glass is not amazing, it just shows a clock, the weather, and lets you take pics. That is the extent of its features, and theres nothing good about it.  
Its a gigantic gimmick and anyone saying its innovative wouldnt be saying that if it wasnt made by google.

Why are you so angry about people liking this? I think that you are an Apple fanboy who just doesn't want to see Google succeed. I just can't understand why it is somehow 'forbidden' to like both Apple and Google products.

As an iPhone user I absolutely love this kind of new technology. Sure, it's not perfect. And it won't be perfect at launch, but it is something and it really looks fresh and new.

In my opinion, this is innovation. They are trying out new stuff that could really work well. The first-generation Google Glass will be out this fall and I can't wait to see one in real life.

That said, I'm still a bit worried about some things: the camera seems to be underperforming right now. It is definitely awesome, but I feel like picture quality can be much better and video is still too shaky. Also, the thing I worry most about is that using your voice is very important with Google Glass. I'd like to see some type of keyboard that you can use by either using the touchpad on the side, or showing a keyboard and just 'type' by looking at a letter.

The second generation of Google Glass is gonna be so much better, but the first-generation Google Glass already seems revolutionary. *Compare it to the iPad 1 with the iPad 2: the original iPad lacked multitasking and didn't have a lot of 3rd party apps at launch, while the second iPad was better in every way possible. It was thinner, lighter, faster and most*



problems were taken care off. That said, the original iPad was/felt revolutionary.

Posted on Feb 24, 2013 | 3:08 PM (#146094489)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

I think that you are an Apple fanboy who just doesn't want to see Google succeed. I just can't understand why it is somehow 'forbidden' to like both Apple and Google products.

Apple fans are not so hatred against Google (and vice versa) but Microsoft/Nokia fans finds Google and Apple such a big threat. So my bet is person in this case does not own iPhone but Windows Phone phone.

Posted on Feb 25, 2013 | 3:17 AM (#146213757)

Reply (#)

[Dark Marmot \(http://www.theverge.com/users/Dark%20Marmot\)](http://www.theverge.com/users/Dark%20Marmot)

Hmm reflexor, I sense some Apple butthurt in that tone. Seeing as Apple hasn't done anything innovative since...uhhh (fill in imaginary blank), I think this is a far more advanced step in the direction of where mobile will be going. It's a tethered device for now, so you can do more than what you are quoting and apparently you didn't watch the launch video. Later devices will have cell radios in them. If Apple were the first out with it I'd give em cred for doing something different, but they didn't. So I won't.

Posted on Feb 24, 2013 | 5:19 PM (#146123801)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

Fact is, it just doesn't show you a clock, weather and allow you take pics....

It as well allows you to many other things:

- 1) Take video (not just pics)
- 2) Do google search
- 3) Use instant message
- 4) Do a google+ hangout video
- 5) Use email
- 6) Use Google maps for navigation/position
- 7) Use Google local
- 8) Use Google translator to translate from one language to other (spoken or written)
- 9) ?+n
- 10) MAKE LIFE EASIER ON MOVE WITH FEATURE ?!

Oh... and guess what, you can make phonecalls with it later.

And what most people do with their smartphones? Check weather, clock, maps and IM etc? How about taking pictures and videos?

If Google Glasses does about all of what 90% smartphone owners really do with their smartphones, isn't it amazing?

And you still have the smartphone in your pocket to do stuff what you don't do so often like online banking, forum reading, book reading (think about glasses to read you the book when you are on the move instead using earplugs/phones) and many other more complex tasks.

Posted on Feb 25, 2013 | 3:15 AM (#146213717)

Reply (#)

[hectavex \(http://www.theverge.com/users/hectavex\)](http://www.theverge.com/users/hectavex)

Check out H+: The Digital Series on YouTube! This series touches on the subject of trans-humanism; basically an advanced Google Glass technology as an implanted computer chip in the human brain. The first episode depicts a man watching the football game in his "virtual overlay" while driving through a parking structure just before something insane happens.

Posted on Feb 26, 2013 | 11:17 AM (#146443931)

Reply (#)

[Sinister-Kid \(http://www.theverge.com/users/Sinister-Kid\)](http://www.theverge.com/users/Sinister-Kid)

I wholeheartedly agree. Also, something needs to be said for the fantastic layout of this article. I mean the layouts on Verge features are always great, but sometimes they just go above and beyond what you expect. I don't know another site where it's a joy just to actually look at an article, before

you even read it.

Posted on Feb 22, 2013 | 12:16 PM (#145675335)

Reply (#)



[Kosiek \(http://www.theverge.com/users/Kosiek\)](http://www.theverge.com/users/Kosiek)

Yes, the article, and particularly the video is highly professional and impressive. And frankly, I'm kind of freaked, that the future many dreamed about, comes in 2013.

But... I'm wondering if this device can be put to good use. At the moment, it's a toy rather than a useful tool. Every smartphone can give me directions, search on the Internet, take a picture or record a video. But I need a smartphone anyway – to call someone, or send the SMS, or check my e-mail, facebook notifications/messages and headlines on The Verge. I don't speak English natively too, and in Poland, voice recognition is kind of awful.

And that's my point – why Google Glass, if I still need a smartphone.

Posted on Feb 22, 2013 | 12:35 PM (#145679409)

Reply (#)

[sk8er\\_tor \(http://www.theverge.com/users/sk8er\\_tor\)](http://www.theverge.com/users/sk8er_tor)

First Google sucks you in and then they start invading your privacy. Thanks but no thanks. Besides, who the heck wants to walk around wearing those things??? Hell no.

Posted on Feb 22, 2013 | 12:36 PM (#145679729)

Reply (#)



[Kosiek \(http://www.theverge.com/users/Kosiek\)](http://www.theverge.com/users/Kosiek)

Every IT giant spies on you. And don't forget about facebook. It's sad but true. And I don't use Google much, mostly because I use Windows and Windows Phone.

But boy I like Google Glass. I like the idea, I like that it may make my life easier. But before it does, software engineers have so much work to do on the speech recognition level, so it will be available to all of us, people. If we don't, Google Glass will remain a toy, useless gadget and nothing more.

Posted on Feb 22, 2013 | 12:42 PM (#145680877)

Reply (#)



[princenoor \(http://www.theverge.com/users/princenoor\)](http://www.theverge.com/users/princenoor)

I don't know, the google voice recognition for English is pretty much perfect imo. Even with my very heavy accent, it picks up everything I want to say for google now.

Posted on Feb 22, 2013 | 12:54 PM (#145683613)

Reply (#)



[Kosiek \(http://www.theverge.com/users/Kosiek\)](http://www.theverge.com/users/Kosiek)

Oh you and your English. I don't care about English, I'm Polish! Do you understand there's a world outside the US, UK and Australia?

Posted on Feb 22, 2013 | 12:58 PM (#145684385)

Reply (#)



[floppyweiner \(http://www.theverge.com/users/floppyweiner\)](http://www.theverge.com/users/floppyweiner)

Do you understand how few people speak polish compared to english or that this device is being developed in the US?

Posted on Feb 22, 2013 | 1:42 PM (#145693979)

Reply (#)



[Kosiek \(http://www.theverge.com/users/Kosiek\)](http://www.theverge.com/users/Kosiek)

This is discrimination, isn't it?

Posted on Feb 22, 2013 | 2:06 PM (#145699585)

Reply (#)

[dazorange \(http://www.theverge.com/users/dazorange\)](http://www.theverge.com/users/dazorange)

Oh please. Get over yourself. Discrimination? Are Polish movies discriminating against rest of the world because they are made in Polish? If you think this is discrimination then I think you live in pretty amazing world.

[rlmorgan95 \(http://www.theverge.com/users/rlmorgan95\)](http://www.theverge.com/users/rlmorgan95)

No, it's a fact.

Posted on Feb 22, 2013 | 3:55 PM (#145724835)

Reply (#)

[bewirenomali \(http://www.theverge.com/users/bewirenomali\)](http://www.theverge.com/users/bewirenomali)

no.

Posted on Feb 22, 2013 | 4:47 PM (#145736193)

Reply (#)

[tortilaman \(http://www.theverge.com/users/tortilaman\)](http://www.theverge.com/users/tortilaman)

No, it isn't discrimination, it's developing for your market with the largest user-base. If the amount of users in China surpassed the users in English speaking countries, Mandarin would be just as good, if not better than English.

There obviously aren't as many engineers in Poland working on the voice recognition, so it won't improve as quickly. Also, the more people using it in any given language, the more data they have to improve the recognition quality.

Posted on Feb 22, 2013 | 6:20 PM (#145750863)

Reply (#)

[DanDavis \(http://www.theverge.com/users/DanDavis\)](http://www.theverge.com/users/DanDavis)

Really I don't think it has to do with which language has the most speakers (English is 3rd for native tongue) but which language this country was founded and based in, and what is the dominant language spoken in that country. In this case it is English from the US.

Posted on Feb 22, 2013 | 7:04 PM (#145756359)

Reply (#)



[Draper \(http://www.theverge.com/users/Draper\)](http://www.theverge.com/users/Draper)

True...but there's more to it than that. Native speakers of English are not the only speakers of English, and the fact that in most places in the world, English is taught and learned as a second or third language, means that the internet and tech will continue to have an English slant.

The fact that China has more "English Speakers" than the United States is anecdotal (not at all taking into account the fluency and accuracy of their language production). Another anecdote is Korea, where since the '88 Olympics and the '02 World Cup, all signs and most food labels are in printed in both Korean and English. Most of the people you meet in the cities can be considered "English Speakers" to some degree, with some people approaching near-native fluency. Many of the textbooks that they use for STEM subjects are in English at the university level, and some universities are switching the medium of the course into English, as well.

That being said, I think we can agree that although Chinese and Spanish may have more native speakers, English still asserts a certain dominance as a lingua franca.

Posted on Feb 22, 2013 | 7:39 PM (#145762865)

Reply (#)

[Maxiaxie \(http://www.theverge.com/users/Maxiaxie\)](http://www.theverge.com/users/Maxiaxie)

It's not discrimination. Compared to the vast number of English-speakers, Spanish-speakers and Madarin-speakers, basically no-one speaks Polish.

It might suck for you, but Google are unlikely to care. Poland isn't exactly a keystone market and their opinion is going to be "well, learn English/Spanish/Chinese like everyone else".

Posted on Feb 22, 2013 | 7:28 PM (#145760737)

Reply (#)

[ortiz.matt \(http://www.theverge.com/users/ortiz.matt\)](http://www.theverge.com/users/ortiz.matt)

can't tell if you're joking or not.

Posted on Feb 22, 2013 | 7:47 PM (#145764599)

Reply (#)



**bradleyq** (<http://www.theverge.com/users/bradleyq>)

"No one cares about Poland." That was discrimination.

It also was true.

Posted on Feb 22, 2013 | 10:29 PM (#145803011)

[Reply \(#\)](#)



**QuarterSwede** (<http://www.theverge.com/users/QuarterSwede>)

I don't know whether to like this or not! ;)

Posted on Feb 23, 2013 | 10:28 AM (#145853075)

[Reply \(#\)](#)

**markbyrn** (<http://www.theverge.com/users/markbyrn>)

Considering Google Translate supports voice to voice translation in multiple languages including Polish, I'd imagine the device would support multiple languages provided it becomes a commercial success.

Posted on Feb 22, 2013 | 4:27 PM (#145731747)

[Reply \(#\)](#)



**SRPuffinstuff** (<http://www.theverge.com/users/SRPuffinstuff>)

Oh, of course it'll do Polish. As far as I know Google Voice services already understand Polish. I think he was just saying they don't understand Polish well.

Posted on Feb 26, 2013 | 2:07 PM (#146479481)

[Reply \(#\)](#)

**ThatsMe** (<http://www.theverge.com/users/ThatsMe>)

Do you understand how few people speak polish compared to english

Do you understand how few people speak English compared to Chinese?  
I guess Chinese should be priority number one.

Posted on Feb 24, 2013 | 3:10 PM (#146094921)

[Reply \(#\)](#)

**polter** (<http://www.theverge.com/users/polter>)

Yeah try to sell an always on connected device with video recording capabilities to the citizens of China.

Posted on Feb 25, 2013 | 4:12 AM (#146214905)

[Reply \(#\)](#)



**SRPuffinstuff** (<http://www.theverge.com/users/SRPuffinstuff>)

You misspelled "more". More people speak English than Chinese. Not NATIVELY, mind, but including all people who speak and read the languages at least near-fluently there are definitely more English speakers.

Posted on Feb 26, 2013 | 2:09 PM (#146479855)

[Reply \(#\)](#)

**jhoff80** (<http://www.theverge.com/users/jhoff80>)

And yet you're reading an article on an English website, written entirely in English, while you write your comments in English.

Posted on Feb 22, 2013 | 2:06 PM (#145699443)

[Reply \(#\)](#)



**Kosiek** (<http://www.theverge.com/users/Kosiek>)

I'm not worried about myself, I'm worried about people who don't speak English.

Posted on Feb 22, 2013 | 2:08 PM (#145700135)

[Reply \(#\)](#)



**floppyweiner** (<http://www.theverge.com/users/floppyweiner>)

I doubt Google has forgotten about the rest of the world, hell, this product isn't even

finished yet and you're complaining that it won't recognize Polish.

Posted on Feb 22, 2013 | 2:30 PM (#145704981)

Reply (#)



**Kosiek** (<http://www.theverge.com/users/Kosiek>)

It'll use Google Now, and speech recognition in Google Now won't improve massively over a couple of months.

Yet, I get your point. But my point is, Google should focus on providing better speech recognition in all the world, do not focus on some specific countries. Benefits will be huge for everyone (better speech recognition means better foundation to translation services).

Posted on Feb 22, 2013 | 2:38 PM (#145706525)

Reply (#)

**Giuseppe.M** (<http://www.theverge.com/users/Giuseppe.M>)

I'm sure they'll work at it, just like google translation has improved over the years.

Posted on Feb 22, 2013 | 2:44 PM (#145708021)

Reply (#)



**Razormike** (<http://www.theverge.com/users/Razormike>)

Google Now's speech recognition will definitely improve over a couple of months. Expect a massive boost during Google i/O, and then another around the Nexus event in November.

Posted on Feb 22, 2013 | 2:51 PM (#145709411)

Reply (#)

**Urobulos** (<http://www.theverge.com/users/Urobulos>)

Of course they are working at it, but translation and voice recognition are incredibly hard. Just have a look at Google Translate. It uses written text, yet it can fail spectacularly. Now add possibility for unclear speech, colloquialisms, regional accents, complex grammar, names (which is one of the hardest things to do) and you multiply the level of difficulty.

It will not happen anytime soon. They will develop this software as quick as possible, but it will target affluent markets and will be easier for simple languages. Coincidentally English speaking countries have both of these advantages. It's just economics and optimizing resource allocation. Same reason why you can't buy a Nexus on the Polish Play Store and use/buy a ton of other products/services.

Posted on Feb 22, 2013 | 3:07 PM (#145713511)

Reply (#)

**steven.compton.5** (<http://www.theverge.com/users/steven.compton.5>)

I think we should let Google decide what they should focus on. And that is their main target audience. Progress can't be slowed to a crawl just to keep "all the world" at the same level. I'm sorry if you feel the world isn't "fair". But it's what we all have to live with. If you don't want to learn English to get bleeding edge tech, start developing it yourself.

Posted on Feb 22, 2013 | 4:47 PM (#145736205)

Reply (#)

**don.gateley** (<http://www.theverge.com/users/don.gateley>)

Your point is exactly wrong. This device, and others like it, are precisely what will drive the rapid improvement in real time speech recognition and translation world wide. It's all about markets, dude.

Posted on Feb 22, 2013 | 4:48 PM (#145736347)

Reply (#)



**DEZVOUS** (<http://www.theverge.com/users/DEZVOUS>)

They're not going to just forget about the other languages, it's simply a matter of priority. It's disappointing, I'm sure, as a non-english speaker but it is also simply a matter of business fact.

There are however easier solutions for non-english speakers that don't involve wishing a



giant company would change how they do business...

Yes, I realize how fundamentally lucky I am to not have these problems.

Posted on Feb 22, 2013 | 4:15 PM (#145729267)

Reply (#)



[DrDoppio \(http://www.theverge.com/users/DrDoppio\)](http://www.theverge.com/users/DrDoppio)

I think it's safe to tell those people to sod off. Just remember to smile while saying it.

Posted on Feb 23, 2013 | 3:52 PM (#145910785)

Reply (#)

[Rufus M \(http://www.theverge.com/users/Rufus%20M\)](http://www.theverge.com/users/Rufus%20M)

You're right, there's also Canada. ;)

Posted on Feb 22, 2013 | 3:27 PM (#145718443)

Reply (#)

[EverybodyHatesChris \(http://www.theverge.com/users/EverybodyHatesChris\)](http://www.theverge.com/users/EverybodyHatesChris)

A very small world with a very small market and a very small corpus. Mandarin is probably a priority.

Posted on Feb 22, 2013 | 4:52 PM (#145737175)

Reply (#)

[easyxtarget \(http://www.theverge.com/users/easyxtarget\)](http://www.theverge.com/users/easyxtarget)

It's called Canada.

Joking aside I rather like Poland. I can't understand polish at all but it's a neat place.

Posted on Feb 22, 2013 | 5:12 PM (#145740409)

Reply (#)



[DrDoppio \(http://www.theverge.com/users/DrDoppio\)](http://www.theverge.com/users/DrDoppio)

I rather like Poland. I can't understand polish at all but it's a neat place.

That's what he said.

Tier.

Posted on Feb 23, 2013 | 3:54 PM (#145911189)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

**princenoor** said: *Even with my very heavy accent, it picks up everything i want to say for google now.*, so i don't think that she speaks english natively. FWIW you should probably worry more about reading comprehension than **Google Glass** understanding polish

Posted on Feb 22, 2013 | 5:27 PM (#145742865)

Reply (#)

[trulyunlimited \(http://www.theverge.com/users/trulyunlimited\)](http://www.theverge.com/users/trulyunlimited)

Do you really not understand why English is the first language they target? If you think a product that only works with the English language is a "toy" you're insane.

Posted on Feb 22, 2013 | 6:09 PM (#145749319)

Reply (#)



[genomecop \(http://www.theverge.com/users/genomecop\)](http://www.theverge.com/users/genomecop)

Stop trolling. There is NO other world outside of the US.

Posted on Feb 22, 2013 | 7:16 PM (#145758363)

Reply (#)

[JAYCEECAM \(http://www.theverge.com/users/JAYCEECAM\)](http://www.theverge.com/users/JAYCEECAM)

You are writing English on an website written in english about an american company. Don't be a prick.

Posted on Feb 23, 2013 | 12:16 AM (#145822171)

Reply (#)

[philgross \(http://www.theverge.com/users/philgross\)](http://www.theverge.com/users/philgross)

So, I'm looking at my Jellybean Android phone, and if I go to Settings→Language & input → Voice Search → Language, I see Polski (Polska). Have you tried it?

Posted on Feb 23, 2013 | 12:39 AM (#145825809)

[Reply \(#\)](#)



[Cbolton97 \(http://www.theverge.com/users/Cbolton97\)](http://www.theverge.com/users/Cbolton97)

Lol, gonna make a Canada joke but I see that it has already been done.. multiple times

Posted on Feb 23, 2013 | 2:18 AM (#145836871)

[Reply \(#\)](#)

[syvergy \(http://www.theverge.com/users/syvergy\)](http://www.theverge.com/users/syvergy)

From Wikipedia:

Worldwide Polish Speakers: 40 million total

World Wide English Speakers: 360 million native plus over 1 billion as a second language and EFL.

English is a significantly more powerful, influential and global language thus will always take precedence over regional dialects like Polish.

Posted on Feb 23, 2013 | 8:57 AM (#145845713)

[Reply \(#\)](#)



[GrzegorzWidla \(http://www.theverge.com/users/GrzegorzWidla\)](http://www.theverge.com/users/GrzegorzWidla)

What are you talking about it? Google voice recognition works perfectly in Polish for men. It has issues for women (I have no idea why but that's what I've noticed; probably more men talk to their computers so there is bigger database). A different problem is that Google Now doesn't have even half of features in here.

Posted on Feb 23, 2013 | 10:41 AM (#145854669)

[Reply \(#\)](#)



[yrrnn \(http://www.theverge.com/users/yrrnn\)](http://www.theverge.com/users/yrrnn)

Poor Canada :(

Edit: and Ireland, and New Zealand, and South Africa...

Posted on Feb 24, 2013 | 6:50 PM (#146141357)

[Reply \(#\)](#)

[Kaarloss78 \(http://www.theverge.com/users/Kaarloss78\)](http://www.theverge.com/users/Kaarloss78)

Voice recognition: Better than 5 years ago .. Yes. Perfect .... AHAHAHAHAHAHA you're talking nonsense

[http://youtu.be/TUeWsgPRI08 \(http://youtu.be/TUeWsgPRI08\)](http://youtu.be/TUeWsgPRI08)

Posted on Feb 23, 2013 | 12:41 PM (#145869485)

[Reply \(#\)](#)



[Schnydz \(http://www.theverge.com/users/Schnydz\)](http://www.theverge.com/users/Schnydz)

Half of fed's request for google's email data are passed on with out **warrants** (<http://www.google.com/transparencyreport/userdatarequests/US/>) . Is this a problem?

Posted on Feb 22, 2013 | 2:00 PM (#145698201)

[Reply \(#\)](#)



[Razormike \(http://www.theverge.com/users/Razormike\)](http://www.theverge.com/users/Razormike)

When you compare it to other companies it isn't:

<https://www.eff.org/pages/when-government-comes-knocking-who-has-your-back>

(<https://www.eff.org/pages/when-government-comes-knocking-who-has-your-back>)

Posted on Feb 22, 2013 | 2:51 PM (#145709545)

[Reply \(#\)](#)



[Wavering Star \(http://www.theverge.com/users/Wavering%20Star\)](http://www.theverge.com/users/Wavering%20Star)

Google's voice recognition works fine with all of the many and varied UK accents that my mates and I have tried. If it can deal with those without a hitch then it's only a matter of

time before other languages and dialects of those languages are routinely supported.

Posted on Feb 22, 2013 | 3:50 PM (#145723899)

Reply (#)



[microsoftmissionary \(http://www.theverge.com/users/microsoftmissionary\)](http://www.theverge.com/users/microsoftmissionary)

right now I HATE TOPOLOSKY BECAUSE I DON'T HAVE THIS AWESOME THING CALLED GOOGLE GLASSES ON My FACE!! lol :P. seriously i want this. this really could be the new boundary between sci-fi and reality

Posted on Feb 22, 2013 | 4:51 PM (#145736843)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

Not *Google Glasses* but **Google Glass**; Google is not a part of the Optometry profession

Posted on Feb 22, 2013 | 5:30 PM (#145743319)

Reply (#)



[microsoftmissionary \(http://www.theverge.com/users/microsoftmissionary\)](http://www.theverge.com/users/microsoftmissionary)

excellent point

Posted on Feb 22, 2013 | 6:53 PM (#145754783)

Reply (#)

[reflexor \(http://www.theverge.com/users/reflexor\)](http://www.theverge.com/users/reflexor)

how many of them make 99% of their revenue from advertising? oh right only google. google is an advertising GIANT, hence why i dont want to own their computers.

Posted on Feb 22, 2013 | 9:56 PM (#145795539)

Reply (#)



[SRPuffinstuff \(http://www.theverge.com/users/SRPuffinstuff\)](http://www.theverge.com/users/SRPuffinstuff)

Why? There won't be ads displayed on Google Glass (not really enough room even if they wanted to).

Posted on Feb 26, 2013 | 2:18 PM (#146481541)

Reply (#)



[Nathaniel.Kelley \(http://www.theverge.com/users/Nathaniel.Kelley\)](http://www.theverge.com/users/Nathaniel.Kelley)

I do.

Posted on Feb 22, 2013 | 1:00 PM (#145684731)

Reply (#)



[Grimmjow \(http://www.theverge.com/users/Grimmjow\)](http://www.theverge.com/users/Grimmjow)

Why does this not have a data connection? isnt that kind of stupid?

Posted on Feb 22, 2013 | 1:43 PM (#145694175)

Reply (#)



[Micr0b3 \(http://www.theverge.com/users/Micr0b3\)](http://www.theverge.com/users/Micr0b3)

if it can use a phones tethering capabilities then who cares ? a wifi is enough. adding more battery sucking devices like data would be detrimental.

Posted on Feb 22, 2013 | 1:50 PM (#145695935)

Reply (#)

[MorpheusMarty \(http://www.theverge.com/users/MorpheusMarty\)](http://www.theverge.com/users/MorpheusMarty)

I would wear start carrying a dedicated mifi if this thing is worth it, and save phone battery.

Posted on Feb 22, 2013 | 2:01 PM (#145698347)

Reply (#)



[Grimmjow \(http://www.theverge.com/users/Grimmjow\)](http://www.theverge.com/users/Grimmjow)

i understand it can be tethered but still. May be they didnt want to get into the carrier bullshit.

Posted on Feb 22, 2013 | 2:33 PM (#145705511)

Reply (#)

[Nexi \(http://www.theverge.com/users/Nexi\)](http://www.theverge.com/users/Nexi)

Battery for the radio would make it unwearable.

Posted on Feb 22, 2013 | 2:25 PM (#145703839)

Reply (#)

[lassikin \(http://www.theverge.com/users/lassikin\)](http://www.theverge.com/users/lassikin)

it has to be light. always on cellular radios would need you to have a wired battery dangling from your neck. not that it would be too bad if it had magical object identifying capabilities.

Posted on Feb 22, 2013 | 4:12 PM (#145728801)

Reply (#)

[nico\\_mach \(http://www.theverge.com/users/nico\\_mach\)](http://www.theverge.com/users/nico_mach)

Because they have to fit everything into a pair of glasses?

Posted on Feb 22, 2013 | 5:27 PM (#145742815)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

it's a beta & they don't want the telcos to get their dirty paws on them until they're ready for primetime **AND/OR** when the demand for them is such that they (telcos) won't be able to demand concessions/compromises (crapware) in functionality in exchange for promotion?

Posted on Feb 22, 2013 | 5:34 PM (#145743997)

Reply (#)

[Triple-f \(http://www.theverge.com/users/Triple-f\)](http://www.theverge.com/users/Triple-f)

You know what's great! The government doesn't have to watch you because Google does. They just have to get the data afterwards. It's like 1984....only that the Telescreens are mobile now (readers of the book will understand). And since every system gets hacked....imagine how much fun this will be for hackers....

Posted on Feb 22, 2013 | 1:38 PM (#145693215)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

it's an illusion, just like freedom. always has been, always will be

Posted on Feb 22, 2013 | 5:46 PM (#145745755)

Reply (#)

[Maxiaxie \(http://www.theverge.com/users/Maxiaxie\)](http://www.theverge.com/users/Maxiaxie)

Well, aren't we a paranoid android. All companies watch you. Your shopping is monitored, your Internet searches recorded and even your printers send feedback about what they print.

You're not going to escape the digital world any time soon, so just stick to being a law-abiding citizen and you'll only have hackers, viruses, abuse of police power, more hackers, stalkers, other stalkers, data corruption and identity theft to fear.

Despite what people say, the government doesn't read your data. It CAN – at least in America – at any time if the company you gave your data to allows it, but 99.9999999% of the time it just gets archived to some dusty server.

Also, your Internet can be and probably isn't watched. However, there are several million demons (programmers will understand) out there, all searching for suspected breaches of cyber-security laws.

I recommend PeerBlock.

Oh, and 1984 was a totalitarian extreme-socialism state. This isn't that. And Google have no right to give your data to the government. Only to other branches of Google.

Posted on Feb 22, 2013 | 7:39 PM (#145763009)

Reply (#)

[reflexor \(http://www.theverge.com/users/reflexor\)](http://www.theverge.com/users/reflexor)

all companies do not watch you... the point is google is the largest ad company on the planet, with doubleclick cookies and chrome web browsers watchign everything you do.

Posted on Feb 22, 2013 | 10:14 PM (#145799821)

Reply (#)

[KSulli \(http://www.theverge.com/users/KSulli\)](http://www.theverge.com/users/KSulli)

And you think Google will be the only corporation to do this?  
They're just the first

Posted on Feb 22, 2013 | 2:22 PM (#145703043)

Reply (#)



[redbullicat \(http://www.theverge.com/users/redbullicat\)](http://www.theverge.com/users/redbullicat)

Moderator, The Verge

But through Gmail, Google knows so much about you, and they can tap in to pretty much the whole internet through search and Knowledge Graph. Other people, like Microsoft, even though they have Bing, just don't have that power. Same goes for Apple.

Posted on Feb 22, 2013 | 4:23 PM (#145730985)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

lol, you sound like a eurocrat. Just force google to pay for the links it provides and I'll bet you'll cange your tune pretty quick.

Posted on Feb 22, 2013 | 5:48 PM (#145746085)

Reply (#)



[simbadogg \(http://www.theverge.com/users/simbadogg\)](http://www.theverge.com/users/simbadogg)

Mostly because Apple and Microsoft have never thought to do something that's so borderline invasive. Even if it's invasive in a good way, you can't help that there are going to be a few people that are just like "whoa that's weird". Kind of like the intelligent toilets than can measure glucose levels in urine and stool and take some of your other vitals – incredibly useful, but kinda weird at the same time.

But then again a lot of electronics and inventions/ideas are viewed in that light when they first come on the scene, after some time then everyone gets used to it. Google is just the first one to do it, but I don't think they'll be the last.

Posted on Feb 22, 2013 | 9:36 PM (#145790487)

Reply (#)

[vervulge \(http://www.theverge.com/users/vervulge\)](http://www.theverge.com/users/vervulge)

That's absolutely true!

I believe Google's privacy strategy hurts their brand. Whatever they do will become more and more difficult, because their brand is at the core of everything Google does. Their reputation may already be bad enough to scare people away even from an interesting innovation like Google Glasses. People see Google Glasses PLUS the Google brand. And the brand is connected to things like: find everything, collect private data, show ads, appear everywhere you don't expect (like ads). It is probably impossible to associate Google's brand with trust. Perhaps that's a direct result of their core business: ads. To me, Google seems to be in the state of denial. They are rushing forward as fast as they can, but one day their reputation will catch them. Shiny gimmicks are perceived in the light of their (future) brand and may look much worse than they are. Then, an other company will come, do the same thing, have a good brand, and everybody will hail them. We have already seen that in tech world... haven't we?

Posted on Feb 23, 2013 | 10:23 AM (#145852593)

Reply (#)

[cy.starkman \(http://www.theverge.com/users/cy.starkman\)](http://www.theverge.com/users/cy.starkman)

They are not the first. The first was 20 years ago and called CyberTraveller.

Posted on Feb 22, 2013 | 6:05 PM (#145748731)

Reply (#)

[Maxiaxie \(http://www.theverge.com/users/Maxiaxie\)](http://www.theverge.com/users/Maxiaxie)

They aren't even the first. They're just the first to make it into a neat wearable screen.



**thatteckid** (<http://www.theverge.com/users/thatteckid>)

Why the heck does it matter if someone "invades your privacy" if no human sees it and it is anonymized?

Posted on Feb 22, 2013 | 9:31 PM (#145788983)

Reply (#)

**reflexor** (<http://www.theverge.com/users/reflexor>)

google humans see a lot

<http://www.pcmag.com/article2/0,2817,2369188,00.asp>

(<http://www.pcmag.com/article2/0,2817,2369188,00.asp>)

Posted on Feb 22, 2013 | 10:37 PM (#145804667)

Reply (#)

**polter** (<http://www.theverge.com/users/polter>)

So having a huge database containing a metric sh\*t-ton of information about people is not a problem because no human is looking forward on a day-to-day basis? What about leaks, or government intrusion?

Posted on Feb 25, 2013 | 4:19 AM (#146215039)

Reply (#)



**mrsethprice** (<http://www.theverge.com/users/mrsethprice>)

Remember when people said that you wouldn't want just a touch screen phone...just saying.

Posted on Feb 22, 2013 | 10:10 PM (#145798807)

Reply (#)

**Fri13** (<http://www.theverge.com/users/Fri13>)

Do you know what ISP/Carrier knows about you and what information it sells/gives from you to advertisers and government agencies without your aprooval? More than what Google ever gets from you even if you would be 100% Google customer.

Do you know how much a banks and bonus card systems knows about you? Whoa... scary things...

Are you one of those who are not hypocrites by just using cash, using mail only, use encrypted phones if a must to use phone and otherwise does face to face meetings in randomly chosen secure locations etc?

Can you be classified as person who whines about no one can not use WWW or even whole internet without Google etc?

Posted on Feb 25, 2013 | 3:22 AM (#146213899)

Reply (#)



**ffingers** (<http://www.theverge.com/users/ffingers>)

I feel like you are missing the point. Yes your smartphone can do those things, but you are tethered to it, needing to take it out to take pictures, search get directions. Glass is a movement to un-tether us from such interactions. The video stated it perfectly, it's sort of odd we have created a paradox where to be more intimate and disconnect from technology, we have to augment ourselves with persistent technology.

This idea that because a smartphone can accomplish the same tasks as glass is completely irrelevant as to it's usefulness. I can say I already had a GPS, but a phone is better. I can say I have a watch, so the smartphone doesn't need to show time. Everything is an improvement on a previous activity in some way. I feel that Glass is an improvement over how we currently interact with a smartphone.

I for one can't wait.

Posted on Feb 22, 2013 | 1:56 PM (#145697261)

Reply (#)



**ian.ryan** (<http://www.theverge.com/users/ian.ryan>)

Conversely, wearing glasses sucks. I try to wear my contacts 99% of the day just because glasses in rain are so fucking awful, nevermind how impractical they are and how easily they

get filthy. Glass is much more integrated from a tech standpoint, but from a practical standpoint it's superhairly, unwashed balls. They've attached 21st century tech to 18th century tech and the tech suffers for it.

Posted on Feb 23, 2013 | 1:35 AM (#145833961)

Reply (#)

**Ben49** (<http://www.theverge.com/users/Ben49>)

Glass, as ironic as it may be, does not have glasses. I think it comes with a sunglasses accessory, but the thing is just a frame for the display, no actual glasses in the way. Didn't you even read the article? Or at least watched the video?

Posted on Feb 23, 2013 | 11:20 PM (#146017797)

Reply (#)



**ian.ryan** (<http://www.theverge.com/users/ian.ryan>)

So you honestly think that wearing something like that will somehow be completely different from the experience of wearing eyeglasses? You think that it wouldn't be subject to the same environmental factors as eyeglasses, that it wouldn't suck to to have a structure like that sitting on your face all day? My experience with eyeglasses is that they are a pain in the ass to wear. Why would I want to wear something with an identical structure voluntarily? It's a crappy experience.

Posted on Feb 24, 2013 | 2:34 PM (#146087771)

Reply (#)

**r0lct** (<http://www.theverge.com/users/r0lct>)

All the weight of glasses are in the glass. Ironically(?), Glass has almost no glass and should in theory be very light weight were it's more like a watch on your wrist you forget you have on.

Posted on Feb 26, 2013 | 2:14 PM (#146480889)

Reply (#)



**SRPuffinstuff** (<http://www.theverge.com/users/SRPuffinstuff>)

ymmv, I wear glasses all day and it feels weird not to. Sometimes I touch my face just to make sure they're still there (which is silly because I'd notice them missing due to my degraded vision). I could NEVER do contacts. Could never stick a finger in my eyes at least twice a day. Tossing glasses on and off seems much much easier. To me. Personally if I could attach Glass to my prescription glasses (which I assume is an eventuality) I would only ever take them off to shower and sleep.

Posted on Feb 26, 2013 | 2:27 PM (#146483451)

Reply (#)

**Fri13** (<http://www.theverge.com/users/Fri13>)

Google Glass would improve a lot in many people lifes. Example how about people who have just a one hand to use? Many doesn't understand that how hard it is to live with only one hand to be used. And if you are left handed then, you can not use cameras as there is only maybe 1-2 models somewhere what exists for left handed people. Smartphones can be rotated but to use it with one hand to take pictures is not possible either. And what then when you are using that hand for something else? Like you carry a bag or you are holding someones hand?

For many person the small motion to rise head and then say "Ok Glass, where I am?" and it would show you your location on map would be huge improvement.

I do hope that glass can be turned to left side as for most right handed people the left eye is the dominant and easier to use but...

Posted on Feb 25, 2013 | 3:29 AM (#146214033)

Reply (#)

**Reav30** (<http://www.theverge.com/users/Reav30>)

I agree from a consumer perspective this kind of tech just isnt there. (maybe in 10 years) But from a professional perspective it could be really useful now. Point of view video sharing (hangouts) would solve a lot of real-time troubleshooting problems, esp with high tech items and health care. For example if an engineer is having problems installing a complicated system, just call tech support with google glass and they can see what you see instantly. Or maybe doctors can use this if they are having trouble diagnosing a patient say in LA they can

"hangout" with a specialist in Europe via google glass and get help.

Posted on Feb 22, 2013 | 2:19 PM (#145702305)

Reply (#)



[huggy \(http://www.theverge.com/users/huggy\)](http://www.theverge.com/users/huggy)

what's the point of a hangout if they can only see what you're seeing but can't see you? Isn't the point of a hangout (or video chatting) is to talk face to face?

Posted on Feb 22, 2013 | 2:21 PM (#145702891)

Reply (#)



[AndrewPolidori \(http://www.theverge.com/users/AndrewPolidori\)](http://www.theverge.com/users/AndrewPolidori)

No. The point, in this case, is that they get to see what you see. If the person is trying to help you out it is more beneficial for them to have access to your problem than your face. They can still hear you and communicate with you.

Posted on Feb 22, 2013 | 2:23 PM (#145703281)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

who wants to 'hangout' and view random walls/tables/chairs/other people/anything else but the other participants in the hangout???

Posted on Feb 22, 2013 | 5:51 PM (#145746547)

Reply (#)

[Sinister-Kid \(http://www.theverge.com/users/Sinister-Kid\)](http://www.theverge.com/users/Sinister-Kid)

Did you even read the comment you replied to? He clearly specified a great use case – troubleshooting. On top of that, the second video in this very article shows some great use cases. It's a great tool for showing people something cool and interesting you'r doing, like flying a plane, showing relatives your party, streaming a concert live, etc. For normal Hangouts you've still got you're phone/table/computer.

Posted on Feb 22, 2013 | 6:00 PM (#145748069)

Reply (#)

[joseph929 \(http://www.theverge.com/users/joseph929\)](http://www.theverge.com/users/joseph929)

You could just look into a mirror like he does in the first shot and nod to yourself while thinking "I'm so cool" then they could see you

Posted on Feb 22, 2013 | 7:41 PM (#145763273)

Reply (#)

[junkmailng \(http://www.theverge.com/users/junkmailng\)](http://www.theverge.com/users/junkmailng)

If your Glasses are connected via WiFi in a home then it's not as easy to find a mirror nearby in all rooms of the house.

If your Glasses are connected with your smartphone over 3G/4G, then you may be able to just switch to the camera(s) on your smartphone for the Hangout (which is the standard way of doing it)

Posted on Feb 23, 2013 | 6:29 AM (#145841895)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

The one side for group chat is that everyone can see each other.

But the other side is that everyone can see what others are seeing.

Example think about when people are in mal, searching something together as present for someone. You can just discuss normally and if someone sees something nice, it can be presented to others easily.

Or when people are in party/concert etc they can see different viewpoints.

Example think about friends being watching a rally or other sport in different positions, you can get wider idea what is happening.

And that can be very well applied to multiple different work, from freelancers to engineers. Firefighters and police strike teams already have these in use so commanding officier can see what everyone is seeing and get better idea what is happening.

There are already a military tests done for this kind gear for engineers where computer

highlights the parts in their vision in real time and include check list step-by-step how to work and what tools to use.

In tests engineers work speed improved over 60% as they didn't need to use manual or checklists on paper. And even if then got to situation that they didn't know what to do, they got direct line to manufacturer where engineer could see that situation and could guide through phone in special cases.

Posted on Feb 25, 2013 | 3:43 AM (#146214315)

Reply (#)

[nico\\_mach \(http://www.theverge.com/users/nico\\_mach\)](http://www.theverge.com/users/nico_mach)

I'm sure it will become a 'black box' for surgeons and that could cause problems, considering that the US has never fixed its liability issues and has barely fixed health care economics.

Posted on Feb 22, 2013 | 5:29 PM (#145743061)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

great for when you get stopped by the gestapo police for have a tail-light out. Just in case...

Posted on Feb 22, 2013 | 5:52 PM (#145746817)

Reply (#)



[quillaja \(http://www.theverge.com/users/quillaja\)](http://www.theverge.com/users/quillaja)

Don't forget about filming meteors!

Posted on Feb 22, 2013 | 7:29 PM (#145760975)

Reply (#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

lol. we'll never catch up to the Russians in that discipline!

Posted on Feb 22, 2013 | 11:47 PM (#145817831)

Reply (#)

[Urobulos \(http://www.theverge.com/users/Urobulos\)](http://www.theverge.com/users/Urobulos)

That's a general problem with Google products, they are all extremely US centric. I can't blame them for having no support for Polish voice recognition, because the market is tiny, both in size and purchasing power when compared to US. On top of that our language is flexive and much more complex so way harder to decipher and recognize. Google Glass is right now a camera with Hangout and Google Now integration. I've seen how nice Google Now can work in USA, but here it's pretty poor.

Ignoring language and location problems (let's move to the US :P), the whole point of Glass is that you need to interact with your smartphone much less.

You have

- the option to do voice search and have the results read out, although it is not something I'd like to do often in public
- you have the camera with you, no need to search for the phone and launch the app
- no need to look at a screen to get direction since you have an overlay
- no need to check for notifications and alerts
- many other things that we haven't thought of yet

Posted on Feb 22, 2013 | 3:00 PM (#145711783)

Reply (#)



[GrzegorzWidla \(http://www.theverge.com/users/GrzegorzWidla\)](http://www.theverge.com/users/GrzegorzWidla)

I'm using Voice recognition from Google every day in Poland. What the hell is with this FUD? On top of that, I used it first time nearly 3 years ago, when I got Samsung Galaxy S.

Posted on Feb 23, 2013 | 10:45 AM (#145855121)

Reply (#)



[johnbooty \(http://www.theverge.com/users/johnbooty\)](http://www.theverge.com/users/johnbooty)

"At the moment, it's a toy rather than a useful tool. Every smartphone can give me directions, search on the Internet, take a picture or record a video. But I need a smartphone anyway"

A person could have said the same thing about smartphones ten years ago, correct?

"Every laptop computer can do X, Y, and Z that a phone can do. But I need a laptop anyway, so why would I want a phone that is also a computer?"

Smartphones caught on because they took existing functionality and made it available in a more convenient and ubiquitous form: instead of "a thing inside your briefcase," a computing device became "a thing inside your pocket."

Google Glass is, potentially, just the next step. Now, a computing device isn't even something you have to fish out of your pocket – it's something you're already looking at.

We shouldn't underestimate the ability of a new and more portable form factor to unlock new possibilities because we've seen this many times in the past. Think about portable music players, portable computers, and even portable insulin pumps and other medical devices. There have been a lot of these mini-revolutions!

Posted on Feb 22, 2013 | 3:33 PM (#145719959)

[Reply \(#\)](#)

[Lynchenstein \(http://www.theverge.com/users/Lynchenstein\)](http://www.theverge.com/users/Lynchenstein)

Right. Just duct tape your Nexus 4 to your temple and you're all set. No need for any of this malarkey!

Posted on Feb 22, 2013 | 4:47 PM (#145736175)

[Reply \(#\)](#)



[Cinnamon267 \(http://www.theverge.com/users/Cinnamon267\)](http://www.theverge.com/users/Cinnamon267)

It seems to do what Josh said which is "augment" what you currently have. But, I agree, the usefulness of this seems... gimmicky, to an extent.

Posted on Feb 22, 2013 | 5:42 PM (#145745241)

[Reply \(#\)](#)

[cjh79 \(http://www.theverge.com/users/cjh79\)](http://www.theverge.com/users/cjh79)

I can't imagine myself wearing these around town, but the one scenario I could see myself using glass a lot for is driving. Having a screen in your field of view at all times seems much safer than looking down at phone, even if it's on your dash. For example:

- Viewing GPS directions
- Reading incoming texts (we're all guilty of at least an occasional glance at the phone for this...)
- See who's calling me
- Control music/podcasts playing on my phone
- Take video/picture of the jerk who cut me off

Posted on Feb 22, 2013 | 7:27 PM (#145760507)

[Reply \(#\)](#)

[Ben49 \(http://www.theverge.com/users/Ben49\)](http://www.theverge.com/users/Ben49)

Plus points for being able to quickly photograph their license plate

Posted on Feb 23, 2013 | 11:25 PM (#146018869)

[Reply \(#\)](#)

[daman82 \(http://www.theverge.com/users/daman82\)](http://www.theverge.com/users/daman82)

I think the idea is that at some point in the future, Glass will inherently replace a smartphone. After all, they're basically just moving the screen from being held in your hands to now being placed in front of your eye.

Posted on Feb 22, 2013 | 9:44 PM (#145792731)

[Reply \(#\)](#)

[BenAnderson89 \(http://www.theverge.com/users/BenAnderson89\)](http://www.theverge.com/users/BenAnderson89)

The future has not yet come for one reason and one reason alone.

We do not yet have the flying cars and hoverboards from back to the future.

Posted on Feb 23, 2013 | 3:44 PM (#145908833)

[Reply \(#\)](#)



[Technon \(http://www.theverge.com/users/Technon\)](http://www.theverge.com/users/Technon)

Brad Pitt is 49. This article is a sham.



Posted on Feb 22, 2013 | 12:52 PM (#145683137)

Reply (#)



[Redkite \(http://www.theverge.com/users/Redkite\)](http://www.theverge.com/users/Redkite)

Oh my God it's true.

Posted on Feb 22, 2013 | 1:00 PM (#145684797)

Reply (#)

[Urobulos \(http://www.theverge.com/users/Urobulos\)](http://www.theverge.com/users/Urobulos)

Polygon :P But they are sister sites.

Posted on Feb 22, 2013 | 3:25 PM (#145717963)

Reply (#)

[felface96 \(http://www.theverge.com/users/felface96\)](http://www.theverge.com/users/felface96)

iMore.com has extremely high quality writing

Posted on Feb 22, 2013 | 8:09 PM (#145769257)

Reply (#)



[D4rKlar \(http://www.theverge.com/users/D4rKlar\)](http://www.theverge.com/users/D4rKlar)

I honestly couldn't agree more.

Posted on Feb 22, 2013 | 9:32 PM (#145789251)

Reply (#)

[eyebeams \(http://www.theverge.com/users/eyebeams\)](http://www.theverge.com/users/eyebeams)

Llike: "And she has extremely red hair." Hmm a smidgeon facile I suspect ...

Posted on Feb 25, 2013 | 3:14 AM (#146213705)

Reply (#)



[psimac \(http://www.theverge.com/users/psimac\)](http://www.theverge.com/users/psimac)

I agree. The content, the video production quality and the interviews are the best in the biz, in my opinion.

Plus, Topolsky's hair is improving as well, which I am jealous of.

Posted on Feb 26, 2013 | 3:18 AM (#146418289)

Reply (#)

[heat361 \(http://www.theverge.com/users/heat361\)](http://www.theverge.com/users/heat361)

I agree this article was spectacular, the same goes for the video and after reading this article I am more excited about Glass. Josh makes me wanna head out to Google's New York City headquarters and try glass myself.

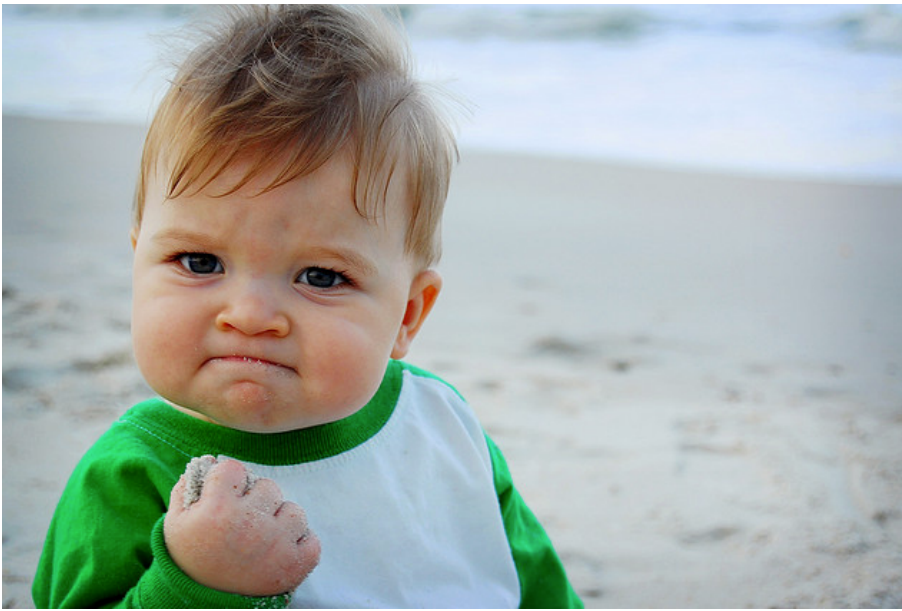
Posted on Feb 22, 2013 | 5:22 PM (#145742137)

Reply (#)



[Emmanuel A. \(http://www.theverge.com/users/Emmanuel%20A.\)](http://www.theverge.com/users/Emmanuel%20A.)

Best part: Available THIS year!.



Posted on Feb 22, 2013 | 6:27 PM (#145751749)

[Reply \(#\)](#)

[TheFakeSteve \(http://www.theverge.com/users/TheFakeSteve\)](http://www.theverge.com/users/TheFakeSteve)

The Vuzix M100 is also available this summer though I guess it won't be tied to all Google services (or maybe it will be – it does run Android).

Posted on Feb 22, 2013 | 7:44 PM (#145763933)

[Reply \(#\)](#)



[Technon \(http://www.theverge.com/users/Technon\)](http://www.theverge.com/users/Technon)

I don't think I've ever seen the original of this photo.

Posted on Feb 22, 2013 | 10:07 PM (#145798019)

[Reply \(#\)](#)

[techcrrrazy \(http://www.theverge.com/users/techcrrrazy\)](http://www.theverge.com/users/techcrrrazy)

Well written article. Nice pictures. Great layout.

And most of all ; just want to say: Well Done Google! Creativity and Innovation done right. This stuff is amazing.

Posted on Feb 22, 2013 | 8:43 PM (#145776895)

[Reply \(#\)](#)



[DrDoppio \(http://www.theverge.com/users/DrDoppio\)](http://www.theverge.com/users/DrDoppio)

Cool, you've copied my avatar from six months ago, only low-res and uglier.

Mine was forcibly removed by a moderator, without the elementary courtesy of warning me or asking me to replace it myself. I expect the same will happen to you.

Cheers.

Posted on Feb 22, 2013 | 4:11 PM (#145728529)

[Reply \(#\)](#)



[Nathan Ingraham \(http://www.theverge.com/users/NathanIngraham\)](http://www.theverge.com/users/NathanIngraham)

Reporter, The Verge

Kind of can't believe this stuff is real.

Posted on Feb 22, 2013 | 11:44 AM (#145669131)

[Reply \(#\)](#)



[Redkite \(http://www.theverge.com/users/Redkite\)](http://www.theverge.com/users/Redkite)

Looking like the next James Bond at the top :D

Posted on Feb 22, 2013 | 11:48 AM (#145669885)

[Reply \(#\)](#)



[Matous Vales \(http://www.theverge.com/users/Matous%20Vales\)](http://www.theverge.com/users/Matous%20Vales)

He's looking incredibly sharp. I bet it's because of the Glass. I want the Glass. I NEED IT!

**bradleyq** (<http://www.theverge.com/users/bradleyq>)

It's honestly just as stupid looking as a bluetooth headset... but way more awesome and efficient in terms of use.

Posted on Feb 22, 2013 | 12:23 PM (#145677019)

Reply (#)

**TCrimson05t** (<http://www.theverge.com/users/TCrimson05t>)

I feel like....this would only be successful if it could some how be intergrated into normal glasses and not bought a seperate product.

Like I walk into Sunglass Hut to check out a pair or shades I like and the representative there says, "there's also a Google Glass version".

That is what makes sense to me. That way I don't look weird. I'm not buying a serperate product but a product integrated into something I was already going to buy. I mean if the idea is to give me tech without getting in the way, no one will notice a pair of sunglasses on my face. People will, without a doubt, notice this.

Posted on Feb 22, 2013 | 12:35 PM (#145679405)

Reply (#)

**ePoch270** (<http://www.theverge.com/users/ePoch270>)

I imagine that v 2.x or x.x will be a module that can be mounted onto almost any glasses frame. I cannot wait for the Oakley version. I've already wadded up all my money to throw it at the Goggle Brick and Mortar staff!

Posted on Feb 22, 2013 | 1:09 PM (#145686687)

Reply (#)

**AndrewPolidori** (<http://www.theverge.com/users/AndrewPolidori>)

Imagine if it were designed to be detached from the frame and attached to other frames that are made for it....did you even read the article?

Posted on Feb 22, 2013 | 2:25 PM (#145703657)

Reply (#)

**TCrimson05t** (<http://www.theverge.com/users/TCrimson05t>)

I mean have the tech built into a NORMAL pair of glasses and have the info (google glass) appear within the actual lens....like a hud. Not switch frames and still have a sky blue piece wrapped around my ear. Specifically for people who already wear glasses (like Josh), they can just buy a version with the tech built into it.

Posted on Feb 22, 2013 | 5:20 PM (#145741745)

Reply (#)

**AndrewPolidori** (<http://www.theverge.com/users/AndrewPolidori>)

Ah I see. I'm not sure if that's the only way it'll be successful...but it would be pretty neat.

Posted on Feb 23, 2013 | 1:07 AM (#145830677)

Reply (#)

**Knowledge** (<http://www.theverge.com/users/Knowledge>)

Yeah that would be awesome but you have to remember what may not seem normal today might be totally awesome and common tomorrow. I'm sure when the first people wore regular glasses they were all stared at heavily. Maybe eventually technology like this will become the norm as far as wearable tech but I have to agree it would be much better if the technology could be implemented into existing hardware.

Posted on Feb 23, 2013 | 1:33 AM (#145833807)

Reply (#)

**MikehMike01** (<http://www.theverge.com/users/MikehMike01>)

A Bluetooth headset at least has a purpose. I'm still struggling to figure out what the point of Glass is.

Posted on Feb 23, 2013 | 3:56 AM (#145839507)

Reply (#)

[vervulge \(http://www.theverge.com/users/vervulge\)](http://www.theverge.com/users/vervulge)

hmm... there are going to be many interesting things you can do with Google Glasses:

Rent piano lessons over the internet without the need of a teacher sitting next to you

have face detection for everybody you know so Google Glasses can alarm you when this person crosses your way :)

Wearing an other pair of glasses behind your head and stream the video to your eyes so you miss nothing.

Perhaps have a 360 degree view around your head with a special hat, like... uhm... a fat spider :)

Have an infra red picture of your environment streamed to your eyes so you can see if the biological reaction of your favourite girl when she sees you (additional feature: lie detector)

Shot a video from a person threatening you with a pistol right to the police, or making it possible at least, so that people with google glass are less likely to be robbed. :-)

And stuff like that...

Posted on Feb 23, 2013 | 10:40 AM (#145854519)

[Reply \(#\)](#)

[nico\\_mach \(http://www.theverge.com/users/nico\\_mach\)](http://www.theverge.com/users/nico_mach)

Mission impossible had this same thing in glasses I think. The first tom cruise movie iirc?

Posted on Feb 22, 2013 | 5:30 PM (#145743275)

[Reply \(#\)](#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

And James Bond decades ago and many sci-fi movie/serie from 1970 to this time etc.

Problem just have been that digital cameras have not been small enough with good enough resolution, framerate and power consumption and for low price.

Then when we get rotating camera element and eye movement tracker so secondary camera will have a zoomed view to position where person is watching, it can become even more terrifying.

And if it just would be possible to get full view live video, then getting 10-15x zoomed video would allow scary possibilities to spy by average people without carrying any device on hand.

Posted on Feb 25, 2013 | 3:52 AM (#146214549)

[Reply \(#\)](#)



[CtrlAltDel121 \(http://www.theverge.com/users/CtrlAltDel121\)](http://www.theverge.com/users/CtrlAltDel121)

I'm excited for version 2.0. The first thing I thought of after reading this piece was that they should make it constantly record and then you can say, "ok glass, save that moment" and it saves the past 30 seconds or whatever. Of course that would increase the privacy issues.

Posted on Feb 22, 2013 | 12:05 PM (#145673421)

[Reply \(#\)](#)

[peaceprize \(http://www.theverge.com/users/peaceprize\)](http://www.theverge.com/users/peaceprize)

Makes sense. Thought of this too.

Pretty random, but on my commute home the other day, I glanced to the side briefly and saw a crow eating a rabbit in the middle of the city. My immediate thought was, "Did I just see that?" In the future, you'll just say that out loud and Glass will give you an instant replay.

Posted on Feb 22, 2013 | 12:10 PM (#145674303)

[Reply \(#\)](#)

[FunkyLarge \(http://www.theverge.com/users/FunkyLarge\)](http://www.theverge.com/users/FunkyLarge)

This will be like Russian dash cam 2.0 on Youtube. Wait a minute...Youtube...Wow that's why they are making the Glass!

Posted on Feb 22, 2013 | 3:11 PM (#145714489)

[Reply \(#\)](#)

[nico\\_mach \(http://www.theverge.com/users/nico\\_mach\)](http://www.theverge.com/users/nico_mach)

Yeah, the Russians are going to love this. Especially Putin.

[vervulge \(http://www.theverge.com/users/vervulge\)](http://www.theverge.com/users/vervulge)

probably every government will love this. They can save lots of surveillance cameras. OMG, this is going to be a home run for Google!

Posted on Feb 23, 2013 | 11:08 AM (#145857179)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

Mainframe manufacturers are the ones who are going to love this as intelligence agencies and police needs more computing power to do face recognition for all cameras on streets. ;)

Posted on Feb 25, 2013 | 3:54 AM (#146214569)

Reply (#)



[BlatantNinja23 \(http://www.theverge.com/users/BlatantNinja23\)](http://www.theverge.com/users/BlatantNinja23)

I'm interested in seeing if this is what they will sell at a consumer level, or if 2.0 is what we actually start to get.

Posted on Feb 22, 2013 | 12:19 PM (#145676095)

Reply (#)



[NathanButh698 \(http://www.theverge.com/users/NathanButh698\)](http://www.theverge.com/users/NathanButh698)

This is the Explorer model: meaning it is a polished prototype, but still a prototype. Anybody that signs up for it now and gets into the explorer program will be receiving this version, but the model that will actually be sold publicly will essentially be 2.0.

Posted on Feb 22, 2013 | 2:12 PM (#145701027)

Reply (#)



[AndrewPolidori \(http://www.theverge.com/users/AndrewPolidori\)](http://www.theverge.com/users/AndrewPolidori)

If this is a prototype wouldn't the product that's actually being sold to the public be version 1.0?

Posted on Feb 22, 2013 | 2:26 PM (#145704087)

Reply (#)

[Iassikin \(http://www.theverge.com/users/Iassikin\)](http://www.theverge.com/users/Iassikin)

but this is sold, 1500 smackers. developer *prototypes* are usually given free for a very select group of partner companies... not sold. this is sold, more so than certain ferrari models.

Posted on Feb 22, 2013 | 4:15 PM (#145729391)

Reply (#)

[sideshowscott \(http://www.theverge.com/users/sideshowscott\)](http://www.theverge.com/users/sideshowscott)

I would bet they've given a few of these out for free already to select developers.

Posted on Feb 22, 2013 | 4:51 PM (#145737023)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

Versio 1.0 doesn't mean it is stable, secure etc but usually just that it has all wanted features.

Example difference of 0.01, 0.1 and 1.0 is just that versio number, not about stability or even features. As someone can make a product and release 0.1 version of it and then later just implement new features and get 0.2 or 0.3, so people knows 0.1+n is newer than 0.1 version.

Saying "I am waiting 2.0 of product X" is just based idea what propaganda has feed to people in software markets".

Posted on Feb 25, 2013 | 3:58 AM (#146214637)

Reply (#)



[BiilMitchell \(http://www.theverge.com/users/BiilMitchell\)](http://www.theverge.com/users/BiilMitchell)

I'm pretty convinced that the people buying the explorer model will receive the consumer version as well, for free. Google usually does things like this, and it makes sense since essentially you will be providing Google a service by making the device better. With any other company, I wouldn't be so sure, but Google usually is good about this kind of stuff.

Posted on Feb 22, 2013 | 2:37 PM (#145706235)

Reply (#)



[UtopiaNH \(http://www.theverge.com/users/UtopiaNH\)](http://www.theverge.com/users/UtopiaNH)

Battery issues would be the only problem. If we can eliminate that, then an always on camera would be more feasible.

Posted on Feb 22, 2013 | 12:31 PM (#145678527)

[Reply \(#\)](#)



[DJFM \(http://www.theverge.com/users/DJFM\)](http://www.theverge.com/users/DJFM)

This. The recording feature looks great, but more often than not that moment you want captured is a surprise. A constant record / scrub feature would make this a whole lot more game changing.

Remember that number you wrote? When that crazy snake came out of nowhere? When your kid said their first word? THAT would be game-changing.

Posted on Feb 22, 2013 | 12:44 PM (#145681359)

[Reply \(#\)](#)



[caseyls \(http://www.theverge.com/users/caseyls\)](http://www.theverge.com/users/caseyls)

That would be incredible. Capturing "first" moments would be... amazing. You might not be recording when something amazing happens, but if it could be constantly recording, and you could "rewind" your life? It would be a whole new world.

Posted on Feb 22, 2013 | 1:26 PM (#145690189)

[Reply \(#\)](#)

[takumohari \(http://www.theverge.com/users/takumohari\)](http://www.theverge.com/users/takumohari)

and yet 'memories', kind of the best concept of life gets blown away. You don't need a brain anymore so to speak...

I don't want to have the best moments recorded with some kind of glasses or anything else, wanna go through past events thinking of them with my head and dreaming how great or bad they were. This is the true beauty of life. Getting disconnected from your true deep self isn't!

Posted on Feb 23, 2013 | 7:28 PM (#145954023)

[Reply \(#\)](#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

+1

This is the case already with people.

They go to concert and they shoot out videos there. Then they go home and they watch those concerts from computer/smartphone screen and they try to live again the experience. Many smarter one has learned that when they go to Live concert, don't use any recording device on your hands, just experience the LIVE show.

But still, this Google Glass thing nice neat feature is, you actually don't even anymore watch the happening trough small display but you watch and you experience it.

Then you can just move the video to HDD and get it automatically backed up.  
Then years ago when memory starts to fade, you can pull the video of that situation.

What I can see soon singles saying: "When I wake up in bed next to unknown person, I can just ask glasses to rewind marked position and hear the person introducing. No more awkward situations when in morning you don't anymore remember other name!"

Posted on Feb 25, 2013 | 4:05 AM (#146214763)

[Reply \(#\)](#)



[ffingers \(http://www.theverge.com/users/ffingers\)](http://www.theverge.com/users/ffingers)

That thought honestly gives me chills. To record the moments you didn't know you wanted to record. That is the future. My kids are growing up so fast, and trying to grab a phone to take a picture or record video.....I miss more than I get. Man I want Glass something awful.

Posted on Feb 22, 2013 | 1:59 PM (#145697927)

[Reply \(#\)](#)

[F458M \(http://www.theverge.com/users/F458M\)](http://www.theverge.com/users/F458M)

Do you really want your entire family history and your child's first steps to be uploaded onto Google's servers? Because given Google's current business model of shipping Chromebooks with TBs of server space and the physical storage limit of a device so small, I'm willing to bet that's where it would go.

Not trying to be alarmist, but if people think drones are breaching personal liberty, this takes it to a whole new level.

Posted on Feb 22, 2013 | 3:40 PM (#145721485)

Reply (#)



[Wavering Star \(http://www.theverge.com/users/Wavering%20Star\)](http://www.theverge.com/users/Wavering%20Star)

And you've got the liberty to delete all/most of your Google data with the click of a button in account settings and download it to a hard drive for safe keeping. Google lets you do that, none of the other big players do.

Think of the activism uses for this as well. Documenting police misdemeanors, private protest hangouts, instantaneous access to your rights and the law or notification of your counsel upon arrest. Technology is not good or evil, how we use it defines that in a human context. Drones are not evil or a threat to liberty, many drones are used for civilian research purposes and legitimate law enforcement, but many more are used to wage illegal wars or invade privacy. The problem isn't the drones, it's the illegal conflicts and privacy invasions.

Posted on Feb 22, 2013 | 4:07 PM (#145727585)

Reply (#)

[oliv\\_ \(http://www.theverge.com/users/oliv\\_\)](http://www.theverge.com/users/oliv_)

"Drones are not evil or a threat to liberty, many drones are used for civilian research purposes and legitimate law enforcement"

Yeah... no. Like we really need *that* for "legitimate law enforcement"

Posted on Feb 24, 2013 | 4:38 AM (#146041437)

Reply (#)



[SRPuffinstuff \(http://www.theverge.com/users/SRPuffinstuff\)](http://www.theverge.com/users/SRPuffinstuff)

Yeah....yes? Actually that would be VERY useful. A series of at-the-ready drones would likely be MUCH less expensive than running a series of full-sized helicopters for aerial tracking during chases. Just as an example.

Its like the whole "guns don't kill people, people kill people." Except its "drones don't infringe your liberties, assholes with drones infringe your liberties." Incidentally I'm part of a Makerspace and we have DOZENS of quad- and hexi-copters, many of which are big and smart enough to be considered "drones". A few even have on-board video. None of those drones are infringing anyone's liberties.

Posted on Feb 26, 2013 | 4:22 PM (#146511435)

Reply (#)

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

I think its likely that the implementation would be similar to the HTC One camera or the Playstation 4 gaming recording, where it stores a constant stream to a local buffer, but drops it after a rolling 15 minute period. That would eliminate the privacy concerns you highlighted (of course, not all of them) and you wouldn't have to worry about pushing all the data back and forth which would kill the phone and the glasses battery..

Posted on Feb 22, 2013 | 4:16 PM (#145729477)

Reply (#)

[Completely Terrified \(http://www.theverge.com/users/Completely%20Terrified\)](http://www.theverge.com/users/Completely%20Terrified)

Comparing this to drones is idiotic...

Posted on Feb 25, 2013 | 2:37 AM (#146212749)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

Do you really want your entire family history and your child's first steps to be uploaded onto Google's servers?

And why do you think they are uploaded to anywhere?

They are kept in your smatphone, in your physical storage and from there you can upload them to any video service you want, even to youtube if so.

And Google does not want to enable by default any real time upload, it is optional function.

[joshua.b.rodriquez.90 \(http://www.theverge.com/users/joshua.b.rodriquez.90\)](http://www.theverge.com/users/joshua.b.rodriquez.90)

It's already possible. It would just require MASSIVE amounts of memory.

You would need to be constantly recording at a quality consumers would consider acceptable, for a long enough time (say 5-10 seconds), constantly buffer and refresh that data in the memory (probably something like every millisecond) and have it ready to access and store in permanent storage.

The processing power alone to be doing that would drain battery life faster than my girlfriend drains my bank account, let alone the cost of adding the fixed storage separate to the main system storage.

I speak having worked low level on high speed, deep packet inspection network cards (with constant supplied power) that buffer (up to 4 seconds) of data at all times.

Posted on Feb 22, 2013 | 2:37 PM (#145706307)

Reply (#)



[cmikeh2 \(http://www.theverge.com/users/cmikeh2\)](http://www.theverge.com/users/cmikeh2)

Exactly. Plus it wouldn't be using mechanical storage but solid state storage so then we begin to run into the issue of r/w degradation of the NAND itself.

Posted on Feb 22, 2013 | 3:24 PM (#145717551)

Reply (#)

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

You can just use normal RAM, especially at current prices and the minuscule resolution of these videos. If its a buffer for a rolling period of time (like 2 minutes), you wouldn't need data persistence through power cycles. That does nothing to solve the other issues highlighted, power consumption is the real non starter.

Posted on Feb 22, 2013 | 4:21 PM (#145730647)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

It actually doesn't need so much memory to buffer a 5-10 seconds of 480p with fairly good compression and then throw away always the last few seconds in few seconds periods.

If by MASSIVE you mean over 2MB then you are correct, but if you mean over 64MB then no...

If done correctly by using HW encoder for video to capture and cache video stream, it doesn't need a much memory but power consumption is huge (the device size and purpose to wield whole day).

But if anykind CPU needs to compression then it slows down and needs more memory power.

Comparing to networking, it doesn't work so well as the cases are totally different.

We are not talking about huge amount of random and small packages in 100Mbps and up networking here (like thinking why 1Gbps networks are useless in home computer as CPU can not manage full speed at all)

If glasses would need to cache 1080p video with 60 frames per second for 5-10 seconds without good compression, then I can agree that it goes way too high for what is needed in size of those glasses.

But technology is there. Example 8 years ago we already got digital cameras (DSLR) to shoot 12MPix RAW 14 frames per second up 40 frames (to 2-3 seconds) and then emptying cache same time to CF card (at that time about 3MB/s), what is way over 1080p (2Mpix).

32-128MB MicroSD card is not hard to fit to that size and to have 128-512MB DDR3 isn't either and processor compressing video isn't big either and together they are small compact size. But power consumption is huge if you would need to do that whole day :-D

Posted on Feb 25, 2013 | 4:23 AM (#146215125)

Reply (#)

[batukhan \(http://www.theverge.com/users/batukhan\)](http://www.theverge.com/users/batukhan)

Yes, best comment on this subject.

Posted on Feb 25, 2013 | 10:24 AM (#146229079)

Reply (#)

[RichyM \(http://www.theverge.com/users/RichyM\)](http://www.theverge.com/users/RichyM)

A feature similar to the PS4's constant recording would be excellent. I guess fitting the technology in the glasses might be a problem but time will take care of that.

Posted on Feb 22, 2013 | 2:46 PM (#145708359)

[Reply \(#\)](#)

[enderthedragon \(http://www.theverge.com/users/enderthedragon\)](http://www.theverge.com/users/enderthedragon)

Have you read Speaker for the Dead? Card the visionary!

Posted on Feb 22, 2013 | 2:38 PM (#145706471)

[Reply \(#\)](#)

[TheScientists \(http://www.theverge.com/users/TheScientists\)](http://www.theverge.com/users/TheScientists)

That would also kill the battery pretty quickly.

Posted on Feb 22, 2013 | 4:32 PM (#145732853)

[Reply \(#\)](#)

[Lynchenstein \(http://www.theverge.com/users/Lynchenstein\)](http://www.theverge.com/users/Lynchenstein)

You do remember the Looxcie don't you?

<http://www.fastcompany.com/1689172/looxcie-bluetooth-headset-camcorder-tivo-life>  
(<http://www.fastcompany.com/1689172/looxcie-bluetooth-headset-camcorder-tivo-life>)



Posted on Feb 22, 2013 | 4:51 PM (#145736915)

[Reply \(#\)](#)

[zvib \(http://www.theverge.com/users/zvib\)](http://www.theverge.com/users/zvib)

Actually that already exists. The bluetooth camera headset Looxcie does that, having a constant video buffer of the last 30 seconds that you can save. However their new website kinda sucks and this feature is a bit hidden: third paragraph of <http://www.looxcie.com/discover-looxcie/> (<http://www.looxcie.com/discover-looxcie/>) . Never tried it personally though.

Posted on Feb 22, 2013 | 7:16 PM (#145758355)

[Reply \(#\)](#)



[andre.forbes2 \(http://www.theverge.com/users/andre.forbes2\)](http://www.theverge.com/users/andre.forbes2)

This integrated with Google now and Android sorta makes the iWatch rather moot doesn't it.

Posted on Feb 22, 2013 | 12:20 PM (#145676275)

[Reply \(#\)](#)

[straydog \(http://www.theverge.com/users/straydog\)](http://www.theverge.com/users/straydog)

I've heard some iWatch rumors that make it out to be much more than a iPhone watch. The power of wearable computing will be in actually augmenting your experience, not just offering a slight convenience. We'll see.

Posted on Feb 22, 2013 | 12:33 PM (#145679085)

[Reply \(#\)](#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

<http://www.imsmart.com/en> (<http://www.imsmart.com/en>)

Posted on Feb 25, 2013 | 4:29 AM (#146215217)

Reply (#)



[DJFM \(http://www.theverge.com/users/DJFM\)](http://www.theverge.com/users/DJFM)

you seem to have used both to know this?

very different products, it seems.

Posted on Feb 22, 2013 | 12:46 PM (#145681687)

Reply (#)



[walt\\_jabsco \(http://www.theverge.com/users/walt\\_jabsco\)](http://www.theverge.com/users/walt_jabsco)

I don't think it has to come from Apple, but I would much rather have an elegant/classy smartwatch with Google Now/Siri functionality than any sort of device I would have to strap to my face — particularly since I don't wear prescription glasses and therefore, when I'm not outdoors during the day, wearing my hypothetical Google sunglasses (meaning 90% of the day), I no longer have the ability to use the Glass technology. I mean, you can't expect me to wear that empty framework indoors/at night just so I can get notifications and take pictures...

Posted on Feb 22, 2013 | 1:33 PM (#145691867)

Reply (#)



[NathanButh698 \(http://www.theverge.com/users/NathanButh698\)](http://www.theverge.com/users/NathanButh698)

Well both Apple and Google are reportedly working on smartwatches right now, so you might not have to wait too long. :)

Posted on Feb 22, 2013 | 2:19 PM (#145702425)

Reply (#)



[skyxi \(http://www.theverge.com/users/skyxi\)](http://www.theverge.com/users/skyxi)

I would rather have a minimally obtrusive iWatch on my hand than a Glass taking over my face

Posted on Feb 22, 2013 | 7:37 PM (#145762511)

Reply (#)



[rnaoncfixd \(http://www.theverge.com/users/rnaoncfixd\)](http://www.theverge.com/users/rnaoncfixd)

By next year, there will be even more pictures flooding into the [people of walmart](http://www.peopleofwalmart.com/) (<http://www.peopleofwalmart.com/>) site.

Posted on Feb 22, 2013 | 1:19 PM (#145688745)

Reply (#)



[Emmanuel A. \(http://www.theverge.com/users/Emmanuel%20A.\)](http://www.theverge.com/users/Emmanuel%20A.)

I see Google's strategy now. They all watched Minority Report.

Cars that drive themselves, interfaces that pop up in front of you without a phone. All we need to do is adopt it. And that's why I'm so happy that Google is based in California. Our state is always open for cutting edge when it comes to adopting the newest technology. Too bad we suck at everything else. But hell we have good beaches.

Posted on Feb 22, 2013 | 6:30 PM (#145752113)

Reply (#)



[alecp \(http://www.theverge.com/users/alecp\)](http://www.theverge.com/users/alecp)



Credit — Justin McElroy: <https://twitter.com/JustinMcElroy/status/304995383501799424>  
(<https://twitter.com/JustinMcElroy/status/304995383501799424>)

Posted on Feb 22, 2013 | 11:51 AM (#145670589)

Reply (#)

[mattkicksass \(http://www.theverge.com/users/mattkicksass\)](http://www.theverge.com/users/mattkicksass)

No, it's gotta be a picture of his face **without** wearing any glasses, and the google glasses need to drop down onto his face. NEXT!



Posted on Feb 22, 2013 | 11:59 AM (#145672231)

Reply (#)

[thwap \(http://www.theverge.com/users/thwap\)](http://www.theverge.com/users/thwap)

yeah put it over the gandalf josh face gif!!!

Posted on Feb 22, 2013 | 12:04 PM (#145673199)

Reply (#)



[Carlos Vijande \(http://www.theverge.com/users/Carlos%20Vijande\)](http://www.theverge.com/users/Carlos%20Vijande)

I would buy this ten times over the Pixel.

Posted on Feb 22, 2013 | 11:52 AM (#145670685)

Reply (#)



[jefferyedmonds \(http://www.theverge.com/users/jefferyedmonds\)](http://www.theverge.com/users/jefferyedmonds)

I agree at least this is a cool pointless product LOL

Posted on Feb 22, 2013 | 11:54 AM (#145671165)

Reply (#)



[MikehMike01 \(http://www.theverge.com/users/MikehMike01\)](http://www.theverge.com/users/MikehMike01)

There's a lot of things that fit that bill.

Posted on Feb 22, 2013 | 12:13 PM (#145674951)

Reply (#)



[matthaeus \(http://www.theverge.com/users/matthaeus\)](http://www.theverge.com/users/matthaeus)



Posted on Feb 22, 2013 | 12:08 PM (#145674003)

Reply (#)

[peaceprize \(http://www.theverge.com/users/peaceprize\)](http://www.theverge.com/users/peaceprize)

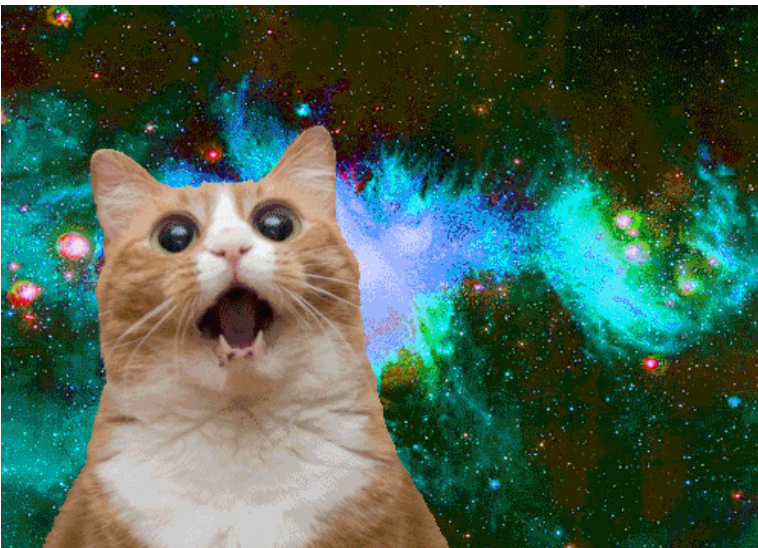
I can't shake the feeling that this is from a TV show about the future, not something that's actually happening.

Posted on Feb 22, 2013 | 12:11 PM (#145674575)

Reply (#)



[Interslice \(http://www.theverge.com/users/Interslice\)](http://www.theverge.com/users/Interslice)



Posted on Feb 22, 2013 | 12:49 PM (#145682539)

Reply (#)



[dagamer34 \(http://www.theverge.com/users/dagamer34\)](http://www.theverge.com/users/dagamer34)

Geordi LaForge would say this is a downgrade.

Posted on Feb 22, 2013 | 12:58 PM (#145684361)

Reply (#)

he did, on twitter: <https://twitter.com/levarburton/status/304609692909441024>



[beingboston \(http://www.theverge.com/users/beingboston\)](http://www.theverge.com/users/beingboston)

(<https://twitter.com/levarburton/status/304609692909441024>)

Posted on Feb 22, 2013 | 2:11 PM (#145700617)

Reply (#)



[taberrr \(http://www.theverge.com/users/taberrr\)](http://www.theverge.com/users/taberrr)



Posted on Feb 22, 2013 | 2:27 PM (#145704359)

Reply (#)

[Luikiedook \(http://www.theverge.com/users/Luikiedook\)](http://www.theverge.com/users/Luikiedook)

This makes me dizzy

Posted on Feb 22, 2013 | 2:28 PM (#145704541)

Reply (#)



[taberrr \(http://www.theverge.com/users/taberrr\)](http://www.theverge.com/users/taberrr)

Cloud App complained about bandwidth usage.



Posted on Feb 23, 2013 | 7:54 AM (#145843523)

Reply (#)



[Saganist \(http://www.theverge.com/users/Saganist\)](http://www.theverge.com/users/Saganist)

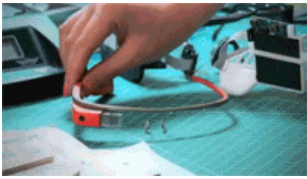


Posted on Feb 22, 2013 | 2:56 PM (#145710787)

Reply (#)



**matthaeus** (<http://www.theverge.com/users/matthaeus>)



Posted on Feb 22, 2013 | 3:12 PM (#145714685)

Reply (#)

**jabij1** (<http://www.theverge.com/users/jabij1>)

Isabelle is so damn cute. I'm now a fan.

Posted on Feb 23, 2013 | 3:09 AM (#145838633)

Reply (#)



**morgatroid** (<http://www.theverge.com/users/morgatroid>)

Better late than never?



Posted on Feb 22, 2013 | 7:52 PM (#145765763)

Reply (#)



**MikeNasty3** (<http://www.theverge.com/users/MikeNasty3>)

This is the best one!

Posted on Feb 22, 2013 | 8:42 PM (#145776635)

Reply (#)

**mcleodglen** (<http://www.theverge.com/users/mcleodglen>)

i can't wear this. i'll be looking like a robot....

Posted on Feb 23, 2013 | 12:08 PM (#145864433)

Reply (#)



**El Wire** (<http://www.theverge.com/users/El%20Wire>)

I really want it!

I must admit that the design of this site seemed a bit over the top at first, but now it makes all the other sites look like amateurs. I love it!

Posted on Feb 23, 2013 | 5:32 PM (#145933601)

Reply (#)



[JoeRemix \(http://www.theverge.com/users/JoeRemix\)](http://www.theverge.com/users/JoeRemix)



Here you go!

Posted on Feb 25, 2013 | 9:18 AM (#146222065)

[Reply \(#\)](#)

[Creamjuicy \(http://www.theverge.com/users/Creamjuicy\)](http://www.theverge.com/users/Creamjuicy)

huh?

Posted on Feb 25, 2013 | 12:46 PM (#146253675)

[Reply \(#\)](#)

[brittonberkan \(http://www.theverge.com/users/brittonberkan\)](http://www.theverge.com/users/brittonberkan)

Damn you Topolsky, always trying out awesome stuff before i can! :P

Posted on Feb 22, 2013 | 11:41 AM (#145668631)

[Reply \(#\)](#)



[CtrlAltDel121 \(http://www.theverge.com/users/CtrlAltDel121\)](http://www.theverge.com/users/CtrlAltDel121)

Awesome!

Posted on Feb 22, 2013 | 11:42 AM (#145668687)

[Reply \(#\)](#)

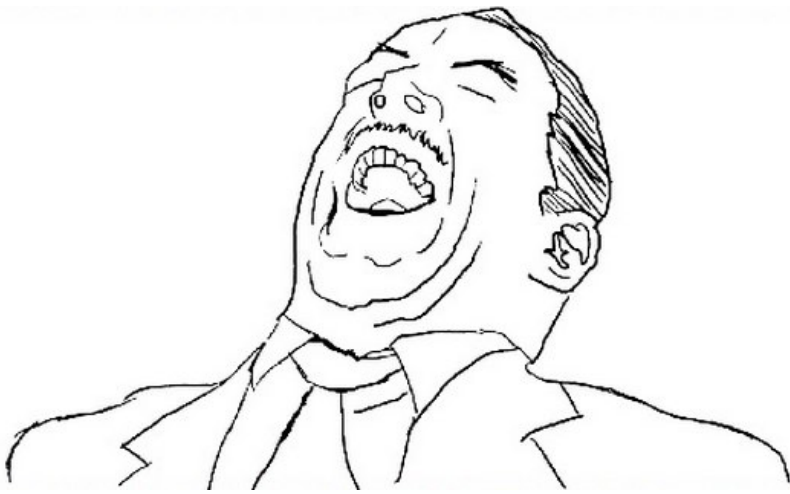


[Sam Sheffer \(http://www.theverge.com/users/samsheffer\)](http://www.theverge.com/users/samsheffer)

*Social Media, The Verge*

Aw. Yea.





Posted on Feb 22, 2013 | 11:43 AM (#145668933)

[Reply \(#\)](#)



**Evan Rodgers** (<http://www.theverge.com/users/E.%20Rodgers>)  
Arch technology wizard



Posted on Feb 22, 2013 | 11:46 AM (#145669503)

[Reply \(#\)](#)



**Walmyr Carvalho** (<http://www.theverge.com/users/Walmyr%20Carvalho>)

NO TENGO DINERO, UOO

Posted on Feb 22, 2013 | 11:50 AM (#145670393)

[Reply \(#\)](#)

**uscmafia** (<http://www.theverge.com/users/uscmafia>)

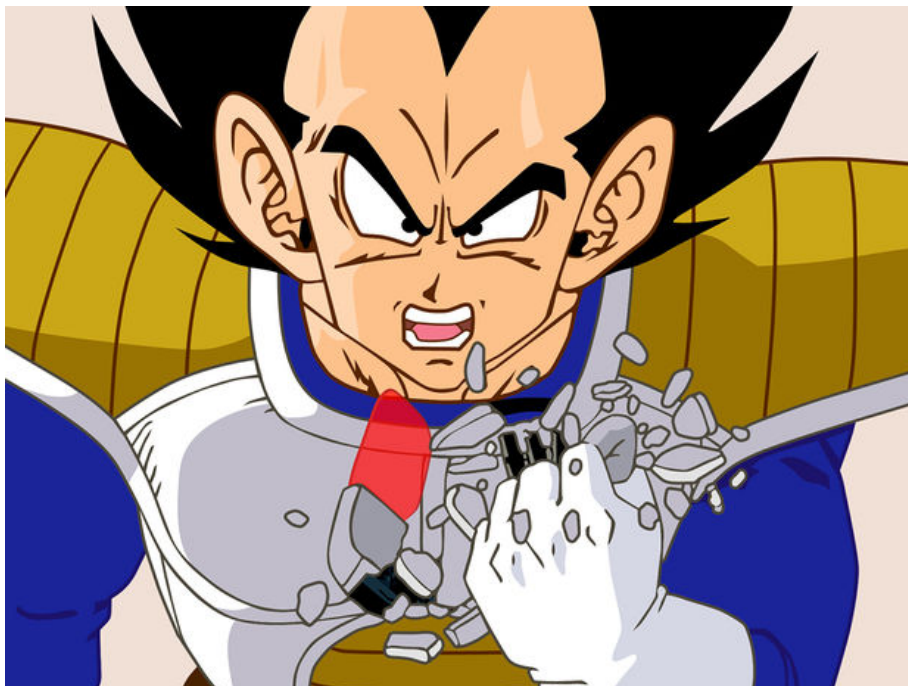


Posted on Feb 22, 2013 | 12:14 PM (#145674999)

[Reply \(#\)](#)



[TCrimson05t \(http://www.theverge.com/users/TCrimson05t\)](http://www.theverge.com/users/TCrimson05t)



Posted on Feb 22, 2013 | 12:20 PM (#145676367)

[Reply \(#\)](#)



[lamPAYNE \(http://www.theverge.com/users/lamPAYNE\)](http://www.theverge.com/users/lamPAYNE)

AAHHH Topolsky's power level is over 10,000 this thing must be broken

Posted on Feb 22, 2013 | 12:29 PM (#145678245)

[Reply \(#\)](#)



[dongemus \(http://www.theverge.com/users/dongemus\)](http://www.theverge.com/users/dongemus)



Posted on Feb 22, 2013 | 12:33 PM (#145679073)

[Reply \(#\)](#)



[TCrimson05t \(http://www.theverge.com/users/TCrimson05t\)](http://www.theverge.com/users/TCrimson05t)

One step closer to this....





All I need now is a Cortana....Siri is not gonna cut it....

Posted on Feb 22, 2013 | 12:51 PM (#145682755)

Reply (#)



**ken27238** (<http://www.theverge.com/users/ken27238>)

And some Mark IV armor.

Posted on Feb 22, 2013 | 1:12 PM (#145687201)

Reply (#)



**aSquard** (<http://www.theverge.com/users/aSquard>)

Wonder if you could change the "Ok Glass" phrase to "Ok Cortana"?  
They also need to make a Master Chief Green colour – I'd buy

Posted on Feb 22, 2013 | 2:32 PM (#145705335)

Reply (#)

**Tdomonte** (<http://www.theverge.com/users/Tdomonte>)

you would need root.

Posted on Feb 22, 2013 | 3:19 PM (#145716471)

Reply (#)

**pozitron** (<http://www.theverge.com/users/pozitron>)

I would be down more with saying "Ok Jarvis" and a red and gold version.

Posted on Feb 23, 2013 | 11:43 AM (#145861353)

Reply (#)



**TCrimson05t** (<http://www.theverge.com/users/TCrimson05t>)

Jarvis would be awesome, as long as I'd get back some sarcasm in return for anything I asked.

Posted on Feb 23, 2013 | 12:24 PM (#145866811)

Reply (#)



**lamPAYNE** (<http://www.theverge.com/users/lamPAYNE>)

I would actually prefer to have something on the lines of these. If you have a prescription it seems easier to make the front glass part all RX. Then anything displayed would just be overlaid on the glass part.

Posted on Feb 22, 2013 | 12:39 PM (#145680331)

Reply (#)



**Redkite** (<http://www.theverge.com/users/Redkite>)

A whole lot of swagger; stupendous

Posted on Feb 22, 2013 | 11:44 AM (#145669159)

Reply (#)

**MisterCats** (<http://www.theverge.com/users/MisterCats>)

"swagger"

Get out.

Posted on Feb 22, 2013 | 12:35 PM (#145679497)

Reply (#)

[Generic\\_Verge\\_Username \(http://www.theverge.com/users/Generic\\_Verge\\_Username\)](http://www.theverge.com/users/Generic_Verge_Username)

Swagger is awesome. Swag is bad. Swagger, a significantly older word, should not have to suffer association with swag.

Posted on Feb 23, 2013 | 10:14 PM (#146002205)

Reply (#)

[MisterCats \(http://www.theverge.com/users/MisterCats\)](http://www.theverge.com/users/MisterCats)

No. Both are terrible.

Posted on Feb 25, 2013 | 5:10 PM (#146315681)

Reply (#)

[goblinmobboss \(http://www.theverge.com/users/goblinmobboss\)](http://www.theverge.com/users/goblinmobboss)

Swagger in this case could be appropriate if Topolsky was walking in a confident manner. As for swag (which has been altered drastically), it would also be appropriate if Topolsky were to keep the Glass he was using. It being any one of these: loot – booty – spoil – plunder.

However, I do agree both current-day uses are pretty bad.

Posted on Feb 26, 2013 | 2:38 PM (#146485809)

Reply (#)



[BlatantNinja23 \(http://www.theverge.com/users/BlatantNinja23\)](http://www.theverge.com/users/BlatantNinja23)

I can't wait for these to get smaller.

Posted on Feb 22, 2013 | 11:45 AM (#145669369)

Reply (#)



[Ryan Francis \(http://www.theverge.com/users/Ryan%20Francis\)](http://www.theverge.com/users/Ryan%20Francis)

This is the key. This type of technology won't be popular until you have to look closely to notice that the person isn't wearing normal glasses.

Posted on Feb 22, 2013 | 12:40 PM (#145680507)

Reply (#)



[DJFM \(http://www.theverge.com/users/DJFM\)](http://www.theverge.com/users/DJFM)

it won't be mass market, no, but at least the initial impressions aren't that it's a steaming turd. One caveat, the initial impressions of the Atrix made out it would change the game. It's shortfalls were never overcome.

Posted on Feb 22, 2013 | 12:49 PM (#145682515)

Reply (#)



[BlatantNinja23 \(http://www.theverge.com/users/BlatantNinja23\)](http://www.theverge.com/users/BlatantNinja23)

exactly, they're just too bulky currently that I'd be willing to wear them out in public. Maybe a redesign would fix that, who really knows. Actually, if they could get the display to be behind the lenses I think that would help a lot.

Posted on Feb 22, 2013 | 1:19 PM (#145688799)

Reply (#)



[Ghost650 \(http://www.theverge.com/users/Ghost650\)](http://www.theverge.com/users/Ghost650)

Not necessarily. Some people want others to know they're using something special. The Prius continues to sell incredibly well despite its very unique design.

Posted on Feb 22, 2013 | 2:23 PM (#145703275)

Reply (#)



[BlatantNinja23 \(http://www.theverge.com/users/BlatantNinja23\)](http://www.theverge.com/users/BlatantNinja23)

the difference for me is that I actually like the design of the Prius. If you like glass than awesome for you, I'm just hoping more designers get their hands on it. Oakleys with glass or ray bans with glass sound like a possibly great future to me.

Posted on Feb 22, 2013 | 3:59 PM (#145725861)

Reply (#)

[Ghost650 \(http://www.theverge.com/users/Ghost650\)](http://www.theverge.com/users/Ghost650)



The Verge had an article earlier in the week reporting that Google was working with Warby Parker on industrial design. So I wouldn't worry too much about it. Especially since these are something so small and will be relatively cheap (compared to a car, that is) I imagine they will have multiple styles available, eventually.

Posted on Feb 22, 2013 | 7:17 PM (#145758607)

[Reply \(#\)](#)



[huggy \(http://www.theverge.com/users/huggy\)](http://www.theverge.com/users/huggy)

yeah I have 20/20 vision so I don't have to wear glasses. I'd rather not have to wear a pair (and have to pay for tethering) just so I don't have to look down at my phone once in a while when outside walking around.

Posted on Feb 22, 2013 | 2:24 PM (#145703549)

[Reply \(#\)](#)

[Nexi \(http://www.theverge.com/users/Nexi\)](http://www.theverge.com/users/Nexi)

It's not tethering, it's bluetooth, it's free.

Posted on Feb 22, 2013 | 2:33 PM (#145705549)

[Reply \(#\)](#)

[sphigel \(http://www.theverge.com/users/sphigel\)](http://www.theverge.com/users/sphigel)

It's bluetooth tethering since you're using your phone as a pass through to connect to the Internet and no I don't think it would be free. At least in the U.S. with most service providers you'll end up paying extra for tethering unless you jailbreak/root your phone.

Posted on Feb 22, 2013 | 3:15 PM (#145715471)

[Reply \(#\)](#)

[john.swarner \(http://www.theverge.com/users/john.swarner\)](http://www.theverge.com/users/john.swarner)

You don't pay more for bluetooth tethering. It's free. I do it all the time on my stock Droid X (Verizon) with my Xoom.

It's just wifi tethering that you will pay more for.

Posted on Feb 24, 2013 | 7:56 PM (#146155641)

[Reply \(#\)](#)



[ant1pathy \(http://www.theverge.com/users/ant1pathy\)](http://www.theverge.com/users/ant1pathy)

Having clear glasses with no prescription and a UV filter on them is actually really nice. They make them for computers, and it keeps the wind out of your eyes outside. Expect some kind of transition style sunglass setup with them.

Posted on Feb 22, 2013 | 6:39 PM (#145753073)

[Reply \(#\)](#)

[dazorange \(http://www.theverge.com/users/dazorange\)](http://www.theverge.com/users/dazorange)

I disagree. I think there is a substantial amount of people who would love the attention this device would create. At that point it will stop being weird and people will start using it more. Kind of like the first people with a smart phone, or a tablet on the NYC subway.

Posted on Feb 22, 2013 | 3:10 PM (#145714183)

[Reply \(#\)](#)

[Creamjuicy \(http://www.theverge.com/users/Creamjuicy\)](http://www.theverge.com/users/Creamjuicy)

It's a lot like crotchless panties.

Posted on Feb 25, 2013 | 12:51 PM (#146254747)

[Reply \(#\)](#)



[fatty bunter \(http://www.theverge.com/users/fatty%20bunter\)](http://www.theverge.com/users/fatty%20bunter)

Said Felix Baumgartner, about his balls



Posted on Feb 23, 2013 | 12:43 PM (#145869799)

Reply (#)

[daibatzu \(http://www.theverge.com/users/daibatzu\)](http://www.theverge.com/users/daibatzu)

wow, the future is finally coming back

Posted on Feb 22, 2013 | 11:45 AM (#145669389)

Reply (#)



[Michael Shane \(http://www.theverge.com/users/MichaelShane\)](http://www.theverge.com/users/MichaelShane)  
Assistant to the Editor-in-chief, The Verge

I told our hosts from Google to take my money multiple times, but alas I will have to wait like everyone else.

Posted on Feb 22, 2013 | 11:45 AM (#145669393)

Reply (#)



[Sam Sheffer \(http://www.theverge.com/users/samsheffer\)](http://www.theverge.com/users/samsheffer)  
Social Media, The Verge

Did you throw it at them? Cause if you didn't throw it at them they probably didn't understand how much you wanted a pair.

Posted on Feb 22, 2013 | 11:57 AM (#145671709)

Reply (#)



[Michael Shane \(http://www.theverge.com/users/MichaelShane\)](http://www.theverge.com/users/MichaelShane)  
Assistant to the Editor-in-chief, The Verge

I definitely waved my wallet around and may have been crying slightly.

Posted on Feb 22, 2013 | 12:15 PM (#145675265)

Reply (#)



[cybik \(http://www.theverge.com/users/cybik\)](http://www.theverge.com/users/cybik)

Only grown men have the balls to admit they cried.

You, sir, have proved to be a man.

Posted on Feb 22, 2013 | 12:45 PM (#145681605)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Gotta make it rain!

Posted on Feb 22, 2013 | 1:09 PM (#145686727)

Reply (#)



[jalexoid \(http://www.theverge.com/users/jalexoid\)](http://www.theverge.com/users/jalexoid)

Next time do come with a lot of \$5 bills and take a pic of you throwing the bills at them.

Posted on Feb 22, 2013 | 1:35 PM (#145692321)

Reply (#)

[bullzz \(http://www.theverge.com/users/bullzz\)](http://www.theverge.com/users/bullzz)

ur title reminds me of dwight schrute in the office. assistant to the manager :)

Posted on Feb 22, 2013 | 3:24 PM (#145717645)

Reply (#)



[fatty bunter \(http://www.theverge.com/users/fatty%20bunter\)](http://www.theverge.com/users/fatty%20bunter)

Also gotta remember to tell them to shut up first.

Posted on Feb 23, 2013 | 12:44 PM (#145869985)

Reply (#)



[Interslice \(http://www.theverge.com/users/Interslice\)](http://www.theverge.com/users/Interslice)



Posted on Feb 22, 2013 | 12:52 PM (#145683111)

Reply (#)

[JParadox \(http://www.theverge.com/users/JParadox\)](http://www.theverge.com/users/JParadox)

Its funny when you realize how relevant this gif actually is.

Posted on Feb 23, 2013 | 2:04 AM (#145836097)

Reply (#)



[manskies \(http://www.theverge.com/users/manskies\)](http://www.theverge.com/users/manskies)

So are people with prescription glasses basically screwed when it comes to Glass?

Posted on Feb 22, 2013 | 11:46 AM (#145669509)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

No they're working on it.

Posted on Feb 22, 2013 | 12:20 PM (#145676317)

Reply (#)

[BobKozik \(http://www.theverge.com/users/BobKozik\)](http://www.theverge.com/users/BobKozik)

In other words, we're screwed for at least the first iteration. Because they want to hit retail shelves by the end of the year, so major features have to be finished up within the next couple of months. Otherwise they aren't going to have enough time to test anything before it hits production some three or so months before shipping.

Posted on Feb 22, 2013 | 3:10 PM (#145714169)

Reply (#)



[james.ubc \(http://www.theverge.com/users/james.ubc\)](http://www.theverge.com/users/james.ubc)

or uh contacts?

Posted on Feb 22, 2013 | 2:42 PM (#145707345)

Reply (#)



[cargath \(http://www.theverge.com/users/cargath\)](http://www.theverge.com/users/cargath)

There are a lot of people with eyes that don't really accept contacts.

Posted on Feb 22, 2013 | 3:28 PM (#145718673)

Reply (#)



**AdamReid** (<http://www.theverge.com/users/AdamReid>)

He's unfamiliar with the point-eyeball struggle. I wish I could wear contacts, eye shape won't keep them in.

Posted on Feb 22, 2013 | 3:42 PM (#145722015)

[Reply \(#\)](#)



**cargath** (<http://www.theverge.com/users/cargath>)

I've been wearing contacts for years, but lately my eyes are sore all the time and no doctor can figure out what's causing it. Wearing contacts with sore eyes is not a good idea, so i might need to accept i'll be wearing glasses for the rest of my life instead.

But even people who can wear contacts are going to have infections or inflammations from time to time. That'd be an interesting future when everyone is using Glass and the one with an infection needs to revert to using a smartphone for two weeks :D

Posted on Feb 22, 2013 | 4:13 PM (#145728971)

[Reply \(#\)](#)

**NapoleonBonaparte** (<http://www.theverge.com/users/NapoleonBonaparte>)

Pretty sure the CIA has those.

Posted on Feb 22, 2013 | 10:31 PM (#145803423)

[Reply \(#\)](#)

**s44** (<http://www.theverge.com/users/s44>)

The whole Warby Parker thing suggests otherwise.

Posted on Feb 22, 2013 | 4:38 PM (#145734189)

[Reply \(#\)](#)



**fatty bunter** (<http://www.theverge.com/users/fatty%20bunter>)

Yes. It's impossible to put Glass on a frame with prescription glasses. The material is just too different.

/s

Posted on Feb 23, 2013 | 12:45 PM (#145870075)

[Reply \(#\)](#)

**Formul** (<http://www.theverge.com/users/Formul>)

Great article ... I will wait for the superior version from futurama though.



Posted on Feb 22, 2013 | 11:46 AM (#145669539)

[Reply \(#\)](#)

**bangishotyou** (<http://www.theverge.com/users/bangishotyou>)

Here's a twit now. – Mom

Lol. Gotta love anything that lets you say something like that. Now if you'll excuse me. [grabs wallet and chucks it at monitor]

Posted on Feb 22, 2013 | 12:18 PM (#145675893)

[Reply \(#\)](#)

**MisterCats** (<http://www.theverge.com/users/MisterCats>)

Anything happen?

Posted on Feb 22, 2013 | 12:36 PM (#145679653)

[Reply \(#\)](#)



[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Now he's got an LCD with a few missing pixels...

Posted on Feb 22, 2013 | 1:11 PM (#145687091)

[Reply \(#\)](#)

[bangishotyou \(http://www.theverge.com/users/bangishotyou\)](http://www.theverge.com/users/bangishotyou)

Yep, it bounced back. But fret not! I have a dual monitor setup at work. [proceeds to chuck wallet at second monitor]

In other news, I now have something to do today. Two somethings actually. 1. Come up with a presentation to convince my boss why it's in the company's best interest to send me to Google I/O. 2. Come up with a presentation for why it's in the company's best interest to get me Google Glass when it's released (which they'll let me keep when/if I'm terminated).

Posted on Feb 22, 2013 | 1:54 PM (#145696961)

[Reply \(#\)](#)

[Rismay \(http://www.theverge.com/users/Rismay\)](http://www.theverge.com/users/Rismay)

Notice how the futurama version is an Apple product.

Posted on Feb 22, 2013 | 12:20 PM (#145676393)

[Reply \(#\)](#)



[j3pr0x \(http://www.theverge.com/users/j3pr0x\)](http://www.theverge.com/users/j3pr0x)

Sticking its tongue out, no less.

Posted on Feb 22, 2013 | 12:37 PM (#145679829)

[Reply \(#\)](#)



[caseyls \(http://www.theverge.com/users/caseyls\)](http://www.theverge.com/users/caseyls)

Not sure if joking?

I'm pretty sure it's supposed to be Mom's head.

Posted on Feb 22, 2013 | 4:57 PM (#145737957)

[Reply \(#\)](#)

[BenAnderson89 \(http://www.theverge.com/users/BenAnderson89\)](http://www.theverge.com/users/BenAnderson89)

Its Mom's head.

Posted on Feb 23, 2013 | 3:52 PM (#145910781)

[Reply \(#\)](#)



[arbeck77 \(http://www.theverge.com/users/arbeck77\)](http://www.theverge.com/users/arbeck77)

How does it work if you wear regular glasses?

Posted on Feb 22, 2013 | 11:46 AM (#145669553)

[Reply \(#\)](#)



[NeonAnimalStash \(http://www.theverge.com/users/NeonAnimalStash\)](http://www.theverge.com/users/NeonAnimalStash)

This line of research is mentioned and discussed in the video.

Posted on Feb 22, 2013 | 12:12 PM (#145674673)

[Reply \(#\)](#)



[brentcas \(http://www.theverge.com/users/brentcas\)](http://www.theverge.com/users/brentcas)

So much Google as of late.

Posted on Feb 22, 2013 | 11:46 AM (#145669603)

[Reply \(#\)](#)

[straydog \(http://www.theverge.com/users/straydog\)](http://www.theverge.com/users/straydog)

We're just hearing the drums.

Posted on Feb 22, 2013 | 12:29 PM (#145678171)

[Reply \(#\)](#)

[Luikiedook \(http://www.theverge.com/users/Luikiedook\)](http://www.theverge.com/users/Luikiedook)

Deal with it.

No really, I can't wait for google i/o

Posted on Feb 22, 2013 | 2:31 PM (#145705035)

Reply (#)



[cocopuffs239 \(http://www.theverge.com/users/cocopuffs239\)](http://www.theverge.com/users/cocopuffs239)

I thought the same thing I've been hearing Google everywhere. Not that it's a bad thing.

Posted on Feb 23, 2013 | 2:19 AM (#145836941)

Reply (#)

[jigshah \(http://www.theverge.com/users/jigshah\)](http://www.theverge.com/users/jigshah)

That shit cray

Posted on Feb 22, 2013 | 11:46 AM (#145669613)

Reply (#)

[MisterCats \(http://www.theverge.com/users/MisterCats\)](http://www.theverge.com/users/MisterCats)

Mad cray, family

Posted on Feb 22, 2013 | 12:36 PM (#145679749)

Reply (#)

[UnnDunn \(http://www.theverge.com/users/UnnDunn\)](http://www.theverge.com/users/UnnDunn)

Ain't it, Jay?

Posted on Feb 22, 2013 | 2:14 PM (#145701411)

Reply (#)

[Zelvetica \(http://www.theverge.com/users/Zelvetica\)](http://www.theverge.com/users/Zelvetica)

ok glass, what she order?

Posted on Feb 22, 2013 | 3:24 PM (#145717633)

Reply (#)

[mendozarichard \(http://www.theverge.com/users/mendozarichard\)](http://www.theverge.com/users/mendozarichard)

Fish filet

Posted on Feb 22, 2013 | 7:52 PM (#145765703)

Reply (#)

[Mr Lefleur \(http://www.theverge.com/users/Mr%20Lefleur\)](http://www.theverge.com/users/Mr%20Lefleur)

I don't even know what that means

Posted on Feb 23, 2013 | 3:57 AM (#145839511)

Reply (#)



[Tom Warren \(http://www.theverge.com/users/tomwarren\)](http://www.theverge.com/users/tomwarren)

Senior Editor, The Verge

My boss is a boss.

Posted on Feb 22, 2013 | 11:47 AM (#145669691)

Reply (#)



[DJFM \(http://www.theverge.com/users/DJFM\)](http://www.theverge.com/users/DJFM)

Your boss is a borg.

Posted on Feb 22, 2013 | 12:50 PM (#145682613)

Reply (#)

[Typical \(http://www.theverge.com/users/Typical\)](http://www.theverge.com/users/Typical)

Resistance is futile.

Eh, to hell with resistance, Google take me into your cybertronic network now!

Posted on Feb 22, 2013 | 12:54 PM (#145683569)

Reply (#)



[ManicMailman \(http://www.theverge.com/users/ManicMailman\)](http://www.theverge.com/users/ManicMailman)

I wonder if anyone was tempted to stand beside him and say, "Ok glass, google naked pictures of LeVar Burton" or something along those lines.

Posted on Feb 22, 2013 | 2:54 PM (#145710217)

Reply (#)

[pozitron \(http://www.theverge.com/users/pozitron\)](http://www.theverge.com/users/pozitron)

I look forward to a future where is socially acceptable to wear cool electronics while showing chest hair!

Posted on Feb 22, 2013 | 11:48 AM (#145669881)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I believe he was trying to seduce his way into getting a Glass set.

Posted on Feb 22, 2013 | 1:15 PM (#145687959)

[Reply \(#\)](#)

[swayda \(http://www.theverge.com/users/swayda\)](http://www.theverge.com/users/swayda)

If people accepted Bluetooth, anything is possible.

Posted on Feb 24, 2013 | 3:44 PM (#146103385)

[Reply \(#\)](#)



[G-Rock \(http://www.theverge.com/users/G-Rock\)](http://www.theverge.com/users/G-Rock)



Posted on Feb 22, 2013 | 11:48 AM (#145669963)

[Reply \(#\)](#)

[supastar \(http://www.theverge.com/users/supastar\)](http://www.theverge.com/users/supastar)

there's a GIF in here somewhere...

Posted on Feb 22, 2013 | 11:52 AM (#145670761)

[Reply \(#\)](#)



[JulianoRossi \(http://www.theverge.com/users/JulianoRossi\)](http://www.theverge.com/users/JulianoRossi)

I don't understand why the design is asymmetrical. It would represent a much bigger battery (on the "empty right side"), and also, would make it less weird. Maybe cost, maybe too heavy...

Posted on Feb 22, 2013 | 11:48 AM (#145669975)

[Reply \(#\)](#)

[UtopiaNH \(http://www.theverge.com/users/UtopiaNH\)](http://www.theverge.com/users/UtopiaNH)

Weight and comfort. That's fairly obvious considering the original prototype weights and designs.

Posted on Feb 22, 2013 | 12:33 PM (#145679023)

[Reply \(#\)](#)



[NathanButh698 \(http://www.theverge.com/users/NathanButh698\)](http://www.theverge.com/users/NathanButh698)

Removable frame.

Posted on Feb 22, 2013 | 2:24 PM (#145703607)

[Reply \(#\)](#)



[JulianoRossi \(http://www.theverge.com/users/JulianoRossi\)](http://www.theverge.com/users/JulianoRossi)

They could design a symmetrical glass with a removable frame.

Posted on Feb 22, 2013 | 3:26 PM (#145718223)

[Reply \(#\)](#)



[BlatantNinja23 \(http://www.theverge.com/users/BlatantNinja23\)](http://www.theverge.com/users/BlatantNinja23)

It'd be cool if you could switch the display to the left or right side

Posted on Feb 22, 2013 | 4:01 PM (#145726391)

[Reply \(#\)](#)

picture [nyx \(http://www.theverge.com/users/nyx\)](http://www.theverge.com/users/nyx)

Am I the only one who would rather have the display on the left side? My right eye seems to be much stronger than my left, and I would rather have that eye be the one that stares out at wherever I am and have my left eye receive the information from the prism. Also, if the proximity of the display causes vision problems (which nobody seems to have asked about, yet), I'd much rather my left eye suffer.

Posted on Feb 22, 2013 | 5:45 PM (#145745591)

[Reply \(#\)](#)



**Juice1986** (<http://www.theverge.com/users/Juice1986>)

I agree, but I guess they might have decided it would look too bulky, like one of those 3D glasses with the thick sides that they hand you at the theater, I'd rather have a bigger battery though (generally, I don't know what the glass can do).

But also reading this,

... houses the brains, battery, and counterweight..

I had to wonder, why is there a counterweight, I mean I can understand that they'd need a counterweight for balance, but why not just make it more battery? Why add otherwise nonfunctional heft to a device sitting on your face?

Posted on Feb 23, 2013 | 8:54 AM (#145845579)

[Reply \(#\)](#)



**stat30fbliiss** (<http://www.theverge.com/users/stat30fbliiss>)

Excellent review, guys. You gave me goosebumps.

Are there any whispers on Retail pricing yet?

Posted on Feb 22, 2013 | 11:49 AM (#145670113)

[Reply \(#\)](#)



**ryallen23** (<http://www.theverge.com/users/ryallen23>)

I hear around \$1500, which seems sort of ok for v1.

Posted on Feb 22, 2013 | 12:37 PM (#145679889)

[Reply \(#\)](#)



**Nexii** (<http://www.theverge.com/users/Nexii>)

That's not retailing pricing. That's the pricing while it's not being mass produced and still in beta.

I'm hoping for ~\$500 retail.

Posted on Feb 22, 2013 | 12:52 PM (#145682971)

[Reply \(#\)](#)



**thetylerh** (<http://www.theverge.com/users/thetylerh>)

That's for the developer edition. Surely the actual consumer version will be considerably cheaper.

Posted on Feb 22, 2013 | 1:12 PM (#145687305)

[Reply \(#\)](#)

**max1001** (<http://www.theverge.com/users/max1001>)

I dunno, a lot of nerds are willing to pay 1500 for it now. Hell, I know I am.

Posted on Feb 22, 2013 | 2:16 PM (#145701819)

[Reply \(#\)](#)



**NathanButh698** (<http://www.theverge.com/users/NathanButh698>)

Sergey said a while back to a reporter that he wants them to be 300-600 US dollars if possible. :)

Posted on Feb 22, 2013 | 2:25 PM (#145703903)

[Reply \(#\)](#)



**cocopuffs239** (<http://www.theverge.com/users/cocopuffs239>)

Its gonna be around the price of a smartphone so not to expensive I wanna see what they do with v.2 of this product.

Posted on Feb 23, 2013 | 2:22 AM (#145837051)

[Reply \(#\)](#)

**arthur.serer** (<http://www.theverge.com/users/arthur.serer>)

i think i am skeptical about wearable tech because i don't think we as humans want to leave the discrete device paradigm.

there's something a little off putting about having a pair of glasses overlay, in your line of sight, a display. it's TOO immersive.

[MrGreencastle \(http://www.theverge.com/users/MrGreencastle\)](http://www.theverge.com/users/MrGreencastle)

It's going to be interesting going forward as these types of devices become more normal and mainstream. There's going to be a schism between those people who want to take that "augmented" leap, and those people who don't. Sort of like Borg vs Humans. ;)

Posted on Feb 22, 2013 | 1:03 PM (#145685433)

Reply (#)

[lumtfunny \(http://www.theverge.com/users/lumtfunny\)](http://www.theverge.com/users/lumtfunny)

I find it hard to believe that no one is going to feel 'right' about constantly looking up and to the left/right? Even just watching Josh in this video I couldn't help but think about how strange he looked and if I walked by someone on the street looking up and to the side like that I would wonder "wtf is wrong with that person?" There's even a little of this in the scene of him walking down the street and a person looks back at him that way. If I'm talking, or 'engaging,' with another human being I want their attention. I think this thing would bother more than if the person pulled out a phone to look at while talking to me.

Posted on Feb 22, 2013 | 1:31 PM (#145691301)

Reply (#)



[DavidIsDead \(http://www.theverge.com/users/DavidIsDead\)](http://www.theverge.com/users/DavidIsDead)

But as more people start using it (if this sort of thing does catch on) then it will become more commonplace and people will become used to it and it will all feel natural and not so off-putting.

Posted on Feb 22, 2013 | 2:04 PM (#145699031)

Reply (#)

[mistergsf \(http://www.theverge.com/users/mistergsf\)](http://www.theverge.com/users/mistergsf)

So we will all just meet and greet each other without looking at each other. We will all be looking slightly to the upper right. Really weird. I gotta say this is just too immersive for me. I'm a big tech gadget nerd but even I don't like to be constantly connected. As it is now, I can walk down the street or drive in my car and everyone is looking down at their phone. No one makes eye contact anymore. It's sad really.

Posted on Feb 22, 2013 | 2:38 PM (#145706449)

Reply (#)



[DavidIsDead \(http://www.theverge.com/users/DavidIsDead\)](http://www.theverge.com/users/DavidIsDead)

Well you obviously wouldn't be doing those actions all of the time. The current social interactions will (probably) still exist, but this thing will be integrated into that. It should be something complementary not something that totally and completely takes over any sort of interaction.

Posted on Feb 22, 2013 | 3:01 PM (#145712033)

Reply (#)

[mistergsf \(http://www.theverge.com/users/mistergsf\)](http://www.theverge.com/users/mistergsf)

David,

Every night, during my commute home from work (S.F.), I head down to the BART Station. As I get down to the platform, I observe everyone around me and 90% of the crowd are looking down and interacting with their phone. No one is looking at each other or talking. Same thing when I get on the train. When I'm at a restaurant observing other diners, be they friends or couples, there is very little human interaction. Phones are always in hand either checking email, texting or taking a picture of their food. So when you say "social interactions will (probably) still exist" and "It should be something complementary not something that totally and completely takes over any sort of interaction", I'm not convinced. We have become addicted to our devices and instant information. I know I'm sounding extreme but I'm not exaggerating my experience.

Posted on Feb 22, 2013 | 3:22 PM (#145717097)

Reply (#)



[DavidIsDead \(http://www.theverge.com/users/DavidIsDead\)](http://www.theverge.com/users/DavidIsDead)

Well yeah, because most of them are probably strangers to each other. And in this day and age you kind of have to be careful about who you're interacting with. Though certainly not every place or area is like that.

Posted on Feb 22, 2013 | 3:43 PM (#145722113)

Reply (#)

[brucecampbell3 \(http://www.theverge.com/users/brucecampbell3\)](http://www.theverge.com/users/brucecampbell3)

Are you then saying Glass isn't solving a problem but rather replacing a problem? At least I am facing you when reading my emails. I suppose you could flip them off your face the same way you can pocket a phone.

Posted on Feb 22, 2013 | 3:14 PM (#145715259)

Reply (#)

[mistergsf \(http://www.theverge.com/users/mistergsf\)](http://www.theverge.com/users/mistergsf)

If you are facing me and reading your emails, you are not looking at me or paying attention to me. Yes, flip them off your face.

Posted on Feb 22, 2013 | 3:24 PM (#145717733)

Reply (#)

[binglut9 \(http://www.theverge.com/users/binglut9\)](http://www.theverge.com/users/binglut9)

Its a non sense debate. Like Dave said who wants that awkward small chat with a stranger? I don't its stupid and I'd much rather be texting my friends or emailing or surfing the news. Really who likes that small chat crap. "Oh the weather sure is cold today" no shit buddy. I just don't understand this argument that looking at your phone is rude instead of engaging with strangers. Its a pointless argument and needs to end. Furthermore I see the glasses actually help people being social because then they won't need to check their phone every time it buzzes

Posted on Feb 23, 2013 | 4:18 PM (#145917213)

Reply (#)

[Dissy \(http://www.theverge.com/users/Dissy\)](http://www.theverge.com/users/Dissy)

" I don't think we"

"I don't think I"\*

Fixed for accuracy.

Posted on Feb 22, 2013 | 10:16 PM (#145800189)

Reply (#)

[chiieddy \(http://www.theverge.com/users/chiieddy\)](http://www.theverge.com/users/chiieddy)

What I haven't figured out is how it would integrate with actual glasses. I can't wear contacts, for example.

Posted on Feb 22, 2013 | 11:49 AM (#145670177)

Reply (#)

[UncleBobbings \(http://www.theverge.com/users/UncleBobbings\)](http://www.theverge.com/users/UncleBobbings)

They're working with glasses designers, all that will become known as we move through these development phases

Posted on Feb 22, 2013 | 11:51 AM (#145670477)

Reply (#)



[arbeck77 \(http://www.theverge.com/users/arbeck77\)](http://www.theverge.com/users/arbeck77)

That doesn't really help. They need to be working with people who make prescription lenses. Glasses designers just get you pretty frames. I need prescription lenses to see.

Posted on Feb 22, 2013 | 11:58 AM (#145671835)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

Watch the video. They are already developing another reference design for a version with prescription lenses.

Posted on Feb 22, 2013 | 12:19 PM (#145676105)

Reply (#)

[GoldenFluff0 \(http://www.theverge.com/users/GoldenFluff0\)](http://www.theverge.com/users/GoldenFluff0)

The technology to add prescription lenses to frames have existed for a while now.

Can you be specific about what you think is the big problem that needs to be overcome to have Glass exist along with prescription lenses?

Posted on Feb 22, 2013 | 2:38 PM (#145706529)

Reply (#)

[arbeck77 \(http://www.theverge.com/users/arbeck77\)](http://www.theverge.com/users/arbeck77)





Because every prescription is fairly unique it becomes a problem quickly. I still haven't seen prescription 3d glasses. They just tell you to wear them on top of your glasses.

It's possible now to get very cheap prescription lenses, but if they are only working with high end glass designers, that's going to add hundreds to the cost of them.

Posted on Feb 22, 2013 | 2:59 PM (#145711595)

Reply (#)

[GoldenFluffo \(http://www.theverge.com/users/GoldenFluffo\)](http://www.theverge.com/users/GoldenFluffo)

I have a hard time seeing how this should be an insurmountable or even non-trivial problem to overcome. I guess we'll know more once the product is ready for consumers.

Posted on Feb 22, 2013 | 3:44 PM (#145722409)

Reply (#)

[BobKozik \(http://www.theverge.com/users/BobKozik\)](http://www.theverge.com/users/BobKozik)

The frames bro, they ain't cheap as it is let alone buying a special version that allows you to mount Google Glass.

Posted on Feb 22, 2013 | 3:22 PM (#145717223)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

There's little reason the actual glass can't be prescription lenses.

Posted on Feb 22, 2013 | 12:01 PM (#145672557)

Reply (#)

[derpentine \(http://www.theverge.com/users/derpentine\)](http://www.theverge.com/users/derpentine)

RTFA

WTFV

Posted on Feb 22, 2013 | 12:44 PM (#145681413)

Reply (#)



[chilblane \(http://www.theverge.com/users/chilblane\)](http://www.theverge.com/users/chilblane)

That last scene in the video is just chilling. Is this going to be an action movie?

Posted on Feb 22, 2013 | 11:49 AM (#145670201)

Reply (#)

[AgentMichaelScarn \(http://www.theverge.com/users/AgentMichaelScarn\)](http://www.theverge.com/users/AgentMichaelScarn)

It's all fun and games until we end up like these guys!



Posted on Feb 22, 2013 | 11:50 AM (#145670271)

Reply (#)

[msl86 \(http://www.theverge.com/users/msl86\)](http://www.theverge.com/users/msl86)

No, that's when the fun will get STARTED.

Posted on Feb 22, 2013 | 12:00 PM (#145672309)

Reply (#)



[cocopuffs239 \(http://www.theverge.com/users/cocopuffs239\)](http://www.theverge.com/users/cocopuffs239)

Good man good man.....

Posted on Feb 23, 2013 | 2:24 AM (#145837141)

Reply (#)

[uscmafia \(http://www.theverge.com/users/uscmafia\)](http://www.theverge.com/users/uscmafia)

better than this



Posted on Feb 22, 2013 | 12:10 PM (#145674241)

Reply (#)

[Tdomonte \(http://www.theverge.com/users/Tdomonte\)](http://www.theverge.com/users/Tdomonte)

I've come to the conclusion that Planet of the apes is the most racist movie I ever seen in my life. Basically about black people taking over the world. The only smart ape was the white one. C!!!! It clicked in one night when I was baked out my ass yo!

Posted on Feb 22, 2013 | 3:31 PM (#145719475)

Reply (#)

[bewirenomali \(http://www.theverge.com/users/bewirenomali\)](http://www.theverge.com/users/bewirenomali)

lol. king kong is similar.

Posted on Feb 22, 2013 | 4:59 PM (#145738353)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

The drugs ... get off of them.

Posted on Feb 22, 2013 | 6:39 PM (#145753075)

Reply (#)

[uscmafia \(http://www.theverge.com/users/uscmafia\)](http://www.theverge.com/users/uscmafia)

getting baked does that to you...

Posted on Feb 22, 2013 | 11:22 PM (#145813925)

Reply (#)

[deviantart \(http://www.theverge.com/users/deviantart\)](http://www.theverge.com/users/deviantart)

yeah!

Posted on Feb 22, 2013 | 2:38 PM (#145706479)

Reply (#)



[Tooley \(http://www.theverge.com/users/Tooley\)](http://www.theverge.com/users/Tooley)

Glass > PS4

Posted on Feb 22, 2013 | 11:50 AM (#145670273)

Reply (#)



[amarohl \(http://www.theverge.com/users/amarohl\)](http://www.theverge.com/users/amarohl)

Glass + PS4 = true HUD

Posted on Feb 22, 2013 | 12:10 PM (#145674335)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

Glass + Google Car = True HUD

Posted on Feb 25, 2013 | 5:03 AM (#146215675)

Reply (#)

[uscmafia \(http://www.theverge.com/users/uscmafia\)](http://www.theverge.com/users/uscmafia)

Glass >>> Phones, tablets, consoles and computers

Posted on Feb 22, 2013 | 12:10 PM (#145674377)

Reply (#)

[Kalahan \(http://www.theverge.com/users/Kalahan\)](http://www.theverge.com/users/Kalahan)

Toiletpaper > ladder

Posted on Feb 22, 2013 | 12:10 PM (#145674403)

Reply (#)

[MisterCats \(http://www.theverge.com/users/MisterCats\)](http://www.theverge.com/users/MisterCats)

Cat > Platypus

Yeah, I went there.

Posted on Feb 22, 2013 | 12:38 PM (#145680175)

Reply (#)

[lassikin \(http://www.theverge.com/users/lassikin\)](http://www.theverge.com/users/lassikin)

I had to google to check that.

Never realized platypuses were so small. so you're actually right! CATS ARE BIGGER!

Posted on Feb 22, 2013 | 4:28 PM (#145731969)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

You checked. Not sure if serious ...

Posted on Feb 22, 2013 | 6:40 PM (#145753163)

Reply (#)

[SpaceRooster \(http://www.theverge.com/users/SpaceRooster\)](http://www.theverge.com/users/SpaceRooster)

Unless you're climbing out of a burning building. In which case you would either want a ladder or steel-weaved toilet paper.

Posted on Feb 23, 2013 | 8:20 AM (#145844207)

Reply (#)

[Arjit1 \(http://www.theverge.com/users/Arjit1\)](http://www.theverge.com/users/Arjit1)

i wish there was an option to see videos also with these glasses...like google open youtube and select any video and watch it :D

Posted on Feb 22, 2013 | 11:50 AM (#145670297)

Reply (#)



[Danrarbc \(http://www.theverge.com/users/Danrarbc\)](http://www.theverge.com/users/Danrarbc)

Now you can make it to the end of the 100 hours of Nyancat video.

Posted on Feb 22, 2013 | 1:35 PM (#145692487)

Reply (#)

[Arjit1 \(http://www.theverge.com/users/Arjit1\)](http://www.theverge.com/users/Arjit1)

NO!

Posted on Feb 24, 2013 | 5:43 AM (#146042331)

Reply (#)

[max1001 \(http://www.theverge.com/users/max1001\)](http://www.theverge.com/users/max1001)

Youtube, yea right. You just want to watch porn in public.

Posted on Feb 22, 2013 | 2:18 PM (#145702137)

Reply (#)

[Arjit1 \(http://www.theverge.com/users/Arjit1\)](http://www.theverge.com/users/Arjit1)

hahaha maybe :P

Posted on Feb 24, 2013 | 5:42 AM (#146042311)

Reply (#)



**[LizaVP \(http://www.theverge.com/users/LizaVP\)](http://www.theverge.com/users/LizaVP)**

It's for everyone... everyone with a mobile hotspot.

Still is a cool concept. I'm not sure that infrastructure is here yet.

Posted on Feb 22, 2013 | 11:50 AM (#145670429)

[Reply \(#\)](#)

**[Sinister-Kid \(http://www.theverge.com/users/Sinister-Kid\)](http://www.theverge.com/users/Sinister-Kid)**

It says in the article that all it requires is a bluetooth connection, same as current hands-free options.

Posted on Feb 22, 2013 | 12:21 PM (#145676439)

[Reply \(#\)](#)



**[LizaVP \(http://www.theverge.com/users/LizaVP\)](http://www.theverge.com/users/LizaVP)**

Very nice. Thank you. I blame cold medicine!

Posted on Feb 22, 2013 | 12:42 PM (#145680997)

[Reply \(#\)](#)



**[GoodTroll \(http://www.theverge.com/users/GoodTroll\)](http://www.theverge.com/users/GoodTroll)**

I was wondering how the bluetooth data would work with iPhone. I didn't know that you could send cellular data over an iPhone bluetooth connection, or is this limited to those with "tethering" plans?

Posted on Feb 22, 2013 | 1:08 PM (#145686411)

[Reply \(#\)](#)

**[jabij1 \(http://www.theverge.com/users/jabij1\)](http://www.theverge.com/users/jabij1)**

You can. Options are wifi, bluetooth, or usb connectivity.

Posted on Feb 23, 2013 | 3:14 AM (#145838731)

[Reply \(#\)](#)

**[Luikiedook \(http://www.theverge.com/users/Luikiedook\)](http://www.theverge.com/users/Luikiedook)**

blue tooth tethering or wifi tethering, which you can do on any decent phone (after you root it)

Posted on Feb 22, 2013 | 2:32 PM (#145705319)

[Reply \(#\)](#)

**[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)**

I imagine eventually a data-enabled version will be out after this goes on retail.

Posted on Feb 22, 2013 | 1:19 PM (#145688879)

[Reply \(#\)](#)



**[Evan Rodgers \(http://www.theverge.com/users/E.%20Rodgers\)](http://www.theverge.com/users/E.%20Rodgers)**

*Arch technology wizard*

I could not be more excited for this technology. It's not every day that we get to try out new gear that actually opens up a range of unexplored possibilities.

Posted on Feb 22, 2013 | 11:51 AM (#145670469)

[Reply \(#\)](#)



**[Grissom \(http://www.theverge.com/users/Grissom\)](http://www.theverge.com/users/Grissom)**

It was a cool video. I'm glad that guy didn't act like a douche, like he did when Google opened their door to him last time (Nexus 4 & 10), and really glad Apple wasn't mentioned at all. Go Google.

Posted on Feb 22, 2013 | 1:36 PM (#145692589)

[Reply \(#\)](#)

**[Luikiedook \(http://www.theverge.com/users/Luikiedook\)](http://www.theverge.com/users/Luikiedook)**

This is Apple-level design. No, in some ways it's beyond what Apple has been doing recently. It's daring, inventive, playful, and yet somehow still ultimately simple. The materials feel good in your hand and on your head, solid but surprisingly light. Comfortable. If Google keeps this up, soon we'll be saying things like "this is Google-level design."

how did he act like a douche before? I'm beginning to think you're an Engadget spy.

Posted on Feb 22, 2013 | 2:35 PM (#145705903)

[Reply \(#\)](#)



**manskies** (<http://www.theverge.com/users/manskies>)



Posted on Feb 22, 2013 | 11:51 AM (#145670503)

[Reply \(#\)](#)



**monkeychef** (<http://www.theverge.com/users/monkeychef>)

Josh, you once again have made me envious of your job and how good you are at it.

Going to the product, Glass is something I am definitely interested in. It's an awesome concept, but depending on its implementation into the current ecosystem, it may or may not work (ie how will it get data?)

Posted on Feb 22, 2013 | 11:51 AM (#145670531)

[Reply \(#\)](#)

**KrisOnTheVerge** (<http://www.theverge.com/users/KrisOnTheVerge>)

It's supposed to work with your smartphone. It utilizes the data connection of your smartphone. Communicated with it via bluetooth 4.0 (the most battery efficient version yet). It works like Google Now does in the current jelly bean phones. Of course it's much more than Google Now.

Posted on Feb 23, 2013 | 7:15 PM (#145951239)

[Reply \(#\)](#)



**wheeelan** (<http://www.theverge.com/users/wheeelan>)

I can't believe this is something that actually exists. When I was a kid I thought I'd be able to experience technology like this by the time I retired, not in my 20s.

Posted on Feb 22, 2013 | 11:51 AM (#145670551)

[Reply \(#\)](#)



**GR025** (<http://www.theverge.com/users/GR025>)

I love technology.

Posted on Feb 22, 2013 | 11:51 AM (#145670651)

[Reply \(#\)](#)



**DrTechno** (<http://www.theverge.com/users/DrTechno>)

*Moderator, The Verge*

but not as much as you, you see



Posted on Feb 22, 2013 | 11:53 AM (#145671001)

[Reply \(#\)](#)

[Lagos \(http://www.theverge.com/users/Lagos\)](http://www.theverge.com/users/Lagos)

"Glass... because people with Bluetooth weren't big enough assholes already."

Posted on Feb 22, 2013 | 11:52 AM (#145670681)

[Reply \(#\)](#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

\*Glassholes

Posted on Feb 22, 2013 | 12:45 PM (#145681615)

[Reply \(#\)](#)



[DTMD \(http://www.theverge.com/users/DTMD\)](http://www.theverge.com/users/DTMD)

Wow, that's perfect. We had Bluetools, now we're going to have glassholes. Love it!!

Posted on Feb 22, 2013 | 1:04 PM (#145685521)

[Reply \(#\)](#)



[NathanButh698 \(http://www.theverge.com/users/NathanButh698\)](http://www.theverge.com/users/NathanButh698)

Never understood the hate towards people wearing bluetooth...

Posted on Feb 22, 2013 | 2:30 PM (#145704839)

[Reply \(#\)](#)

[sideshowscott \(http://www.theverge.com/users/sideshowscott\)](http://www.theverge.com/users/sideshowscott)

it isn't that they are wearing bluetooth headsets. it's that they are wearing it in a bar/club, can't possibly hear anything and just wanna look like douchebags with that blinking blue light reminding everyone how important they are.

Posted on Feb 22, 2013 | 5:03 PM (#145739061)

[Reply \(#\)](#)



[sooper\\_verge12 \(http://www.theverge.com/users/sooper\\_verge12\)](http://www.theverge.com/users/sooper_verge12)

When Josh T. said yesterday on the Vergecast that he had something special, I called Google Glass. I have been waiting for this write-up!

Posted on Feb 22, 2013 | 11:52 AM (#145670691)

[Reply \(#\)](#)

[Mathias Mains \(http://www.theverge.com/users/Mathias%20Mains\)](http://www.theverge.com/users/Mathias%20Mains)

Soooo, Google wants everyone to wear glasses?

Posted on Feb 22, 2013 | 11:52 AM (#145670789)

[Reply \(#\)](#)

One more step towards turning the whole world into nerds.

[msl86 \(http://www.theverge.com/users/msl86\)](http://www.theverge.com/users/msl86)

I like it.

Posted on Feb 22, 2013 | 12:06 PM (#145673543)

[Reply \(#\)](#)

[sideshowscott \(http://www.theverge.com/users/sideshowscott\)](http://www.theverge.com/users/sideshowscott)

Wait until they invent the heart rate monitoring pocket protector.

Posted on Feb 22, 2013 | 5:04 PM (#145739223)

[Reply \(#\)](#)

[roselan \(http://www.theverge.com/users/roselan\)](http://www.theverge.com/users/roselan)

nice pun :)

Posted on Feb 22, 2013 | 2:43 PM (#145707643)

[Reply \(#\)](#)



[theclinton \(http://www.theverge.com/users/theclinton\)](http://www.theverge.com/users/theclinton)

Being able to Google search anywhere, handfree and on demand sounds very appealing

Posted on Feb 22, 2013 | 11:52 AM (#145670861)

[Reply \(#\)](#)



[Gechi \(http://www.theverge.com/users/Gechi\)](http://www.theverge.com/users/Gechi)

not sure if you forgot the “/s” or not... Letting Google know everything about my personal life through G Glass is downright creepy.

I'm probably in the minority, but i feel that people are becoming too caught-up in this technology / connected / social thing that makes real social life a rarity. I see more and more people at lunches or dinners or bars and clubs spending more time playing with their smartphones than talking to each other. To me this is really sad, and i'm not that old at 31 to have an obsolete mindset, at least i hope not.

Posted on Feb 22, 2013 | 12:34 PM (#145679185)

[Reply \(#\)](#)

[UtopiaNH \(http://www.theverge.com/users/UtopiaNH\)](http://www.theverge.com/users/UtopiaNH)

Did you even read the article? That's the entire design impetus for this, wanting to bring people /back/ connected to reality.

But it sounds from your tinfoil hat dislike of google that you probably already have preconceived ideas and skipped to the comments.

Posted on Feb 22, 2013 | 12:37 PM (#145679813)

[Reply \(#\)](#)



[Gechi \(http://www.theverge.com/users/Gechi\)](http://www.theverge.com/users/Gechi)

what does “connected to reality” even mean? Do i need a display below my eyebrow to be able to live my life “connected”? You're probably right, i should put this tinfoil hat away, you know me so well

Posted on Feb 22, 2013 | 12:47 PM (#145682077)

[Reply \(#\)](#)



[Nathaniel.Kelley \(http://www.theverge.com/users/Nathaniel.Kelley\)](http://www.theverge.com/users/Nathaniel.Kelley)

+1 because i am on the mobile app

Posted on Feb 22, 2013 | 1:17 PM (#145688309)

[Reply \(#\)](#)

[red22 \(http://www.theverge.com/users/red22\)](http://www.theverge.com/users/red22)

I read the article. Wanting to bring people back to reality eh? Yes, I too remember the day I saw so many people just pecking away at smartphones.....

I just set my phone to silent with no vibrate and put it in my pocket.

I guess I'm just the kind of person that doesn't need to check subway directions every 2 seconds in a city I've lived in for a year, doesn't want to watch other people's first person videos, doesn't need status updates, and doesn't want to record everything.

Don't get me wrong; these look fun, but they are toys and might be tools for people at work who want to record stuff/live data. But for adventures get a goopro, its HD, cheaper, and doesn't need an internet



connection or a cellphone, neither of which come with adventures. If you want to come back to reality and stop having digital distractions, turn your phone off and go outside.

I love tech, but I have no illusions about it. These will be cool, and they look good. But they won't be on my face.

Posted on Feb 22, 2013 | 2:43 PM (#145707791)

Reply (#)



[quillaja \(http://www.theverge.com/users/quillaja\)](http://www.theverge.com/users/quillaja)

I agree with you pretty much entirely, but I will be getting a pair as soon as they are available.

Posted on Feb 23, 2013 | 1:53 AM (#145835343)

Reply (#)

[derpentine \(http://www.theverge.com/users/derpentine\)](http://www.theverge.com/users/derpentine)

rtfa

Posted on Feb 22, 2013 | 12:46 PM (#145681823)

Reply (#)



[Gechi \(http://www.theverge.com/users/Gechi\)](http://www.theverge.com/users/Gechi)

i've read it, but i'm not sure this will solve the problem at all. We'll be appearing to look at each other while being focused on something else.

Posted on Feb 22, 2013 | 12:52 PM (#145682975)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

We don't need to be focused on something else. The whole point is to make it blend in so that you'll just get your information faster and get back to what you're doing faster.

Posted on Feb 22, 2013 | 1:26 PM (#145690169)

Reply (#)



[NathanButh698 \(http://www.theverge.com/users/NathanButh698\)](http://www.theverge.com/users/NathanButh698)

It is like a watch, you look at it, get the info you want, and then you are out.

Posted on Feb 22, 2013 | 2:32 PM (#145705251)

Reply (#)

[Joey Calamaro \(http://www.theverge.com/users/Joey%20Calamaro\)](http://www.theverge.com/users/Joey%20Calamaro)

At the moment I own four tablets, two phones, two laptops and two desktops – all of which are less than two years old. Needless to say, I'm connected to the Internet just about anywhere and everywhere I go. I'm also platform agnostic so I've got no particular grudge against Google. I understand their business model and it doesn't bother me one bit.

All that said, I have absolutely no interest in Glass. I suppose I should find it to be both compelling and fascinating but instead it just seems... intrusive? I'm not sure what the right word is. But I just don't see the appeal of being more connected than I already am.

Posted on Feb 22, 2013 | 2:31 PM (#145705137)

Reply (#)

[Dissy \(http://www.theverge.com/users/Dissy\)](http://www.theverge.com/users/Dissy)

Sounds like you read halting state or rainbows end. Stop projecting and read what they're actually planning.

Posted on Feb 22, 2013 | 10:20 PM (#145800917)

Reply (#)



[Dylan Spronck \(http://www.theverge.com/users/Dylan%20Spronck\)](http://www.theverge.com/users/Dylan%20Spronck)

I adore the kind of geeky design. I hope they won't change it. Or offer this design, at least.

Posted on Feb 22, 2013 | 11:53 AM (#145670903)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

\$1,500 and it's yours. This exact design.

Posted on Feb 22, 2013 | 12:17 PM (#145675625)

Reply (#)



**BlatantNinja23** (<http://www.theverge.com/users/BlatantNinja23>)

well it's his if he applies and google excepts him into their program.

Posted on Feb 22, 2013 | 12:22 PM (#145676645)

[Reply \(#\)](#)

**SammyAndyApl** (<http://www.theverge.com/users/SammyAndyApl>)

Webran61 is talking about the Developers edition.

Posted on Feb 23, 2013 | 2:35 AM (#145837641)

[Reply \(#\)](#)



**Dylan Spronck** (<http://www.theverge.com/users/Dylan%20Spronck>)

Exactly. Plus I can't even apply, I don't live in the US.

Posted on Feb 23, 2013 | 11:10 AM (#145857427)

[Reply \(#\)](#)

**winterpeg** (<http://www.theverge.com/users/winterpeg>)

"just this week it extended that opportunity to people from around the world in a Twitter campaign which asks potential users to explain how they would put the new technology to use."

Actually that is only open to US residents who can afford the \$1500+ taxes and transportation to NY or San Francisco to pick up Google Glass.

Posted on Feb 22, 2013 | 11:53 AM (#145670981)

[Reply \(#\)](#)

**timo.springer.** ([http://www.theverge.com/users/timo.springer.\)](http://www.theverge.com/users/timo.springer.)

Awesome post & video!

Posted on Feb 22, 2013 | 11:53 AM (#145670993)

[Reply \(#\)](#)

**iamdeadfish** (<http://www.theverge.com/users/iamdeadfish>)



I have a feeling this will end the same as this movie.

Posted on Feb 22, 2013 | 11:53 AM (#145670995)

[Reply \(#\)](#)

[creativereason \(http://www.theverge.com/users/creativereason\)](http://www.theverge.com/users/creativereason)



Yep. I see the lawsuits now.

Posted on Feb 22, 2013 | 12:21 PM (#145676511)

[Reply \(#\)](#)



[Mr. Bee \(http://www.theverge.com/users/Mr.%20Bee\)](http://www.theverge.com/users/Mr.%20Bee)

It is interesting that cell phones do their best to keep the radios as far away from the brain as possible while Google glass does the opposite. I certainly don't want to be the first person on my block using this stuff. I will wait to see how the health aspects work out first.

Posted on Feb 22, 2013 | 12:46 PM (#145681711)

[Reply \(#\)](#)

[MistaWondaBread \(http://www.theverge.com/users/MistaWondaBread\)](http://www.theverge.com/users/MistaWondaBread)

Bluetooth headsets keep those radios pretty close.

Posted on Feb 22, 2013 | 1:39 PM (#145693271)

[Reply \(#\)](#)

[max1001 \(http://www.theverge.com/users/max1001\)](http://www.theverge.com/users/max1001)

Than it's a good thing glasses doesn't have transmit any radio wave. Did you even read the article, it uses bluetooth tethering.

Posted on Feb 22, 2013 | 2:21 PM (#145702823)

[Reply \(#\)](#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

They should really delete comments of people that don't read the article. Unless he wants to claim horrible reading comprehension as his defense...

Posted on Feb 22, 2013 | 2:40 PM (#145706933)

[Reply \(#\)](#)

[HariSeldon \(http://www.theverge.com/users/HariSeldon\)](http://www.theverge.com/users/HariSeldon)

because bluetooth is not a radio?...

Posted on Feb 22, 2013 | 6:49 PM (#145754339)

[Reply \(#\)](#)



[sanshiro \(http://www.theverge.com/users/sanshiro\)](http://www.theverge.com/users/sanshiro)

This looks good, and it could be a great success.

Posted on Feb 22, 2013 | 11:53 AM (#145671025)

[Reply \(#\)](#)

[pixl \(http://www.theverge.com/users/pixl\)](http://www.theverge.com/users/pixl)

5:25 Wtf ?

Posted on Feb 22, 2013 | 11:54 AM (#145671063)

Reply (#)



[Bhenn \(http://www.theverge.com/users/Bhenn\)](http://www.theverge.com/users/Bhenn)

?

Posted on Feb 26, 2013 | 9:35 AM (#146429415)

Reply (#)



[D.C. Mike \(http://www.theverge.com/users/D.C.%20Mike\)](http://www.theverge.com/users/D.C.%20Mike)

Yeah, It'll be cool... But, doesn't Google make a big lump of money by targeting ads?

That would suck if *THAT* was a part of Glass. The idea of having dumbass proximity or trending advertisements popping up during periods of inactivity worries me.

It doesn't seem unrealistic to think that the final product would have that capability.

Posted on Feb 22, 2013 | 11:54 AM (#145671095)

Reply (#)

[Sinister-Kid \(http://www.theverge.com/users/Sinister-Kid\)](http://www.theverge.com/users/Sinister-Kid)

I don't think that's likely at all. After all, Google doesn't use their Android and Chromebook products to show you ads (at least not without opening a browser and visiting one of their sites). They only use their consumer devices to help improve their data collection, which allows them to make more money from their web advertising. I doubt Glass will be any different.

Posted on Feb 22, 2013 | 12:23 PM (#145677011)

Reply (#)

[djmc \(http://www.theverge.com/users/djmc\)](http://www.theverge.com/users/djmc)

YouTube and Maps for Android disagree!

Posted on Feb 22, 2013 | 12:44 PM (#145681329)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Google doesn't show you ads through Android; only through Google Apps if you have them installed.

Posted on Feb 22, 2013 | 1:30 PM (#145691135)

Reply (#)

[UtopiaNH \(http://www.theverge.com/users/UtopiaNH\)](http://www.theverge.com/users/UtopiaNH)

They have already said in big letters they won't be advertising with them.

Google's adds are successful because they are minimal and targeted and rarely /annoying/.

Posted on Feb 22, 2013 | 12:38 PM (#145680169)

Reply (#)



[aSquard \(http://www.theverge.com/users/aSquard\)](http://www.theverge.com/users/aSquard)

Google's adds are successful because they are minimal and targeted and rarely /annoying/.

"ads" ;-)

Posted on Feb 22, 2013 | 2:43 PM (#145707679)

Reply (#)



[D.C. Mike \(http://www.theverge.com/users/D.C.%20Mike\)](http://www.theverge.com/users/D.C.%20Mike)

Cool! Now what about third party apps?

Posted on Feb 22, 2013 | 1:35 PM (#145692467)

Reply (#)

[BVLongbottom \(http://www.theverge.com/users/BVLongbottom\)](http://www.theverge.com/users/BVLongbottom)

That's what I was thinking! I just saw this link on the #fihadglass feed: <http://www.youtube.com/watch?v=EE7VP1ObhOs>

Looks like they already coming out!

Posted on Feb 22, 2013 | 7:11 PM (#145757521)

Reply (#)

[max1001 \(http://www.theverge.com/users/max1001\)](http://www.theverge.com/users/max1001)

When has Google ever attempted this? Showing you any sorts of ads due to inactivity? I think Amazon is the only company that does this.

Posted on Feb 22, 2013 | 2:22 PM (#145703175)

Reply (#)

[neilco \(http://www.theverge.com/users/neilco\)](http://www.theverge.com/users/neilco)

Right, so the Google wants technology out of the way when you don't need it – so they stuck it to the side of their head? Nailed it.

Posted on Feb 22, 2013 | 11:54 AM (#145671101)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I think they worded it wrong. The whole point seems to be to make it so you have instant access to your information and you can refocus on your previous activity in a shorter amount of time.

Posted on Feb 22, 2013 | 1:35 PM (#145692365)

Reply (#)

[MistaWondaBread \(http://www.theverge.com/users/MistaWondaBread\)](http://www.theverge.com/users/MistaWondaBread)

They did. It's really smart. Ever think you forgot your glasses only to have them on your head?

Posted on Feb 22, 2013 | 1:40 PM (#145693727)

Reply (#)

[Triple-f \(http://www.theverge.com/users/Triple-f\)](http://www.theverge.com/users/Triple-f)

Yeah. You can ignore a smartphone ring in your pocket if you don't want to be distracted and have a strong will. With glasses you can't even ignore the ..... notification because it's right in your eye. And they call this a better solution. How stupid....

Posted on Feb 22, 2013 | 1:43 PM (#145694179)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Really? You can just dismiss the notification, similar to hitting volume on your phone when it's ringing to ignore it.

Posted on Feb 22, 2013 | 6:48 PM (#145754183)

Reply (#)

[chuckiej \(http://www.theverge.com/users/chuckiej\)](http://www.theverge.com/users/chuckiej)

All I can say is, Glass seems very natural on Josh's face. I have no idea why. It's almost like he's not doing anything weird at all.

Posted on Feb 22, 2013 | 11:54 AM (#145671193)

Reply (#)

[jonathanleewilson \(http://www.theverge.com/users/jonathanleewilson\)](http://www.theverge.com/users/jonathanleewilson)

Two design flaws as I see it:

- 1) The device is completely self-contained instead of leveraging a smartphone. If it had a bluetooth connection to a smartphone it could offload most of the processing, reduce its size, and gain constant 4G access.
- 2) The voice commands make using the device even more ridiculous than it has to be. What happened to the eye movement interface? Seriously, to search for something you have to say "ok glass google" every time?

Posted on Feb 22, 2013 | 11:55 AM (#145671381)

Reply (#)

[jonathanleewilson \(http://www.theverge.com/users/jonathanleewilson\)](http://www.theverge.com/users/jonathanleewilson)

Also, it would drastically reduce the price.

Posted on Feb 22, 2013 | 12:05 PM (#145673283)

Reply (#)

[chuckiej \(http://www.theverge.com/users/chuckiej\)](http://www.theverge.com/users/chuckiej)

I don't think you read the article.

Posted on Feb 22, 2013 | 12:19 PM (#145676155)

Reply (#)

[jonathanleewilson \(http://www.theverge.com/users/jonathanleewilson\)](http://www.theverge.com/users/jonathanleewilson)

You're right, I did miss the part where it can tether for internet. But my main point is that if the device was built to ONLY function with a smartphone then it could offload many of the components thus making it smaller and cheaper.

Posted on Feb 22, 2013 | 12:24 PM (#145677191)

[Reply \(#\)](#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

I think it's better for this to be able to function on its own as a standalone device first. "Smaller and cheaper" will come later like technology always does.

Posted on Feb 22, 2013 | 12:26 PM (#145677613)

[Reply \(#\)](#)

[jonathanleewilson \(http://www.theverge.com/users/jonathanleewilson\)](http://www.theverge.com/users/jonathanleewilson)

But EVERYONE is already carrying a smartphone so why not leverage that if it will make the device smaller and cheaper which will improve early adoption. Having it be self-contained seems like something to do in the future once technology improves, not the other way around.

Posted on Feb 22, 2013 | 12:30 PM (#145678351)

[Reply \(#\)](#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

What difference does it make what end they start from? Glass is a new platform for Google altogether. They are going to "leverage" it by letting partner OEMs go crazy with it, just like they do with Android and ChromeOS. The Venn diagram of people interested in this and smartphone owners is probably one big circle, yes but not everyone has a Google smartphone, which means they'd have to work with Apple, Blackberry and Microsoft before they did anything else (which is out of the question right now, obviously since everyone hates everyone).

Posted on Feb 22, 2013 | 12:35 PM (#145679345)

[Reply \(#\)](#)

[jonathanleewilson \(http://www.theverge.com/users/jonathanleewilson\)](http://www.theverge.com/users/jonathanleewilson)

I think it's overstating the situation to say that those companies don't put any work into each other's platforms. Google has actually put a lot of work into their iOS apps. But even if it did start out Android only I think that would be an acceptable choice for them because it could be an incentive for people to choose Android. Unless they come out with a thought-controlled version of Glass I don't see it ever replacing all the things you can do with a smartphone so ignoring the fact that people are already carrying a smartphone seems silly.

Posted on Feb 22, 2013 | 12:42 PM (#145680909)

[Reply \(#\)](#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

They're thinking ahead about the future, not so much the present. This is why I trust Google knows what they are doing. I could very much envision Glass having a cellular radio in a version down the line. It already has wi-fi so that would be a logical next step for voice or video conferencing. At that point one wouldn't really need a phone at all. The Glass project is the fundamental groundwork for that kind of future.

Posted on Feb 22, 2013 | 12:49 PM (#145682349)

[Reply \(#\)](#)

[Ben49 \(http://www.theverge.com/users/Ben49\)](http://www.theverge.com/users/Ben49)

Having a cellular radio in your head all day might not be a good idea. Health concerns will be arise.

Posted on Feb 24, 2013 | 12:13 AM (#146026965)

[Reply \(#\)](#)



[GoodTroll \(http://www.theverge.com/users/GoodTroll\)](http://www.theverge.com/users/GoodTroll)

Article states it works w/ iPhone. If Blackberry and Microsoft sell enough of their current platform phones, I'm sure google will get it working with them as well.

Posted on Feb 22, 2013 | 1:15 PM (#145687829)

[Reply \(#\)](#)

It tethers from an iPhone data connection, yes. I think he was trying to talk about offloading





**Webran61** (<http://www.theverge.com/users/Webran61>)

most of the interfacing to the iPhone itself, which wouldn't make much sense to do for Google.

It would be nice if Blackberry and Microsoft and everyone else could get on board as well. Microsoft is currently seeing higher Windows Phone growth than Blackberry is for obvious reasons, so maybe Google will take them seriously soon.

Posted on Feb 22, 2013 | 1:26 PM (#145690319)

Reply (#)

**tearsofapathy** (<http://www.theverge.com/users/tearsofapathy>)

I do believe it's compatible with the iPhone as well.

Posted on Feb 22, 2013 | 6:41 PM (#145753315)

Reply (#)

**mr sack** (<http://www.theverge.com/users/mr%20sack>)

Google Glass, just like Google Maps for Android, really needs offline directions/navigation.

Posted on Feb 22, 2013 | 1:00 PM (#145684805)

Reply (#)

**collije** (<http://www.theverge.com/users/collije>)

Say hi to 2012

Google Maps for Android has had offline navigation for a long while now;

<http://www.engadget.com/2012/06/06/google-maps-for-android-gets-offline-support/>  
(<http://www.engadget.com/2012/06/06/google-maps-for-android-gets-offline-support/>)

Posted on Feb 24, 2013 | 9:12 AM (#146047985)

Reply (#)

**collije** (<http://www.theverge.com/users/collije>)

Welp me a dumbass lol. Was thinking offline map download, If you have navigation already started and then you lose data connection is still works. But you can't start Nav w/o a data connection.

Still early morning, so not all cylinders are firing in my head.

Posted on Feb 24, 2013 | 9:19 AM (#146048585)

Reply (#)



**Dan Gleibitz** (<http://www.theverge.com/users/Dan%20Gleibitz>)

Heck yes, at least make the thing navigable via the paired smartphone, rather than asking people to speak to it in public. You don't need to look down at your smartphone if you're just swiping at it to (for example) scroll through an information feed or select a destination for the GPS.

Posted on Feb 23, 2013 | 5:34 AM (#145841003)

Reply (#)

**Fri13** (<http://www.theverge.com/users/Fri13>)

1) The device is completely self-contained instead of leveraging a smartphone. If it had a bluetooth connection to a smartphone it could offload most of the processing, reduce its size, and gain constant 4G access.

The device **needs** smartphone to do the heavy lifting and the constant internet connection. What glasses needs to do is to project the visual through prism to eye and have own processing to compute the other I/O as well and battery is only for the "dumb" terminal aka glasses.

2) The voice commands make using the device even more ridiculous than it has to be. What happened to the eye movement interface? Seriously, to search for something you have to say "ok glass google" every time?

That is the whole problem with the voice commands, computers can not know when you really meant something to be said to them or someone else like living animals (includes humans) does.

The voice commands are not good to interact with computers. We have dozens of different ways just in English to command lights Off and On, computers needs to know all the commands so it can actually be

considered "smart". With voice commands the commands needs to be natural, not something what user needs to learn to say, that is good design at all.

The idea that people would use computer fully with just voice is just a bad idea what they have got from Star Trek and other series/movies where computer and voice commands are only used to tell watcher what is happening in futuristic way.

So voice commands can only be used for very very limited way.

And eye movement detection would not work so well as you are on move and you would need to start staring more the prism than where you are going and when something gets your attantion while using it, you would need to start again, very terrible way in many situations so the touch sensitivity is better there.

Posted on Feb 25, 2013 | 5:15 AM (#146215797)

Reply (#)



**milkham** (<http://www.theverge.com/users/milkham>)

good god the chest hair

Posted on Feb 22, 2013 | 11:56 AM (#145671549)

Reply (#)



**BranFlake30** (<http://www.theverge.com/users/BranFlake30>)

Sexy, isnt it

Posted on Feb 22, 2013 | 11:57 AM (#145671665)

Reply (#)

**Consequence219** (<http://www.theverge.com/users/Consequence219>)

I was thinking the same thing. Josh is the Christina Hendricks of tech journalists.

Posted on Feb 22, 2013 | 11:57 AM (#145671763)

Reply (#)

**supastar** (<http://www.theverge.com/users/supastar>)

Christina Hendricks has chest hair !??!?

Posted on Feb 22, 2013 | 11:58 AM (#145671965)

Reply (#)



**K7** (<http://www.theverge.com/users/K7>)

Josh, button up your shirt!

Tech manliness overload

Posted on Feb 22, 2013 | 11:59 AM (#145672161)

Reply (#)



**BranFlake30** (<http://www.theverge.com/users/BranFlake30>)

If she did, would you care? Take your time....think about it....

Posted on Feb 22, 2013 | 1:43 PM (#145694163)

Reply (#)

**bewirenomali** (<http://www.theverge.com/users/bewirenomali>)

yes I would.

Posted on Feb 22, 2013 | 5:04 PM (#145739191)

Reply (#)



**GoodTroll** (<http://www.theverge.com/users/GoodTroll>)

God created buttons for a reason. Please, Josh, use them. Please.

Posted on Feb 22, 2013 | 1:19 PM (#145688813)

Reply (#)



**runsweetlew** (<http://www.theverge.com/users/runsweetlew>)

He is just trolling with that!

Posted on Feb 22, 2013 | 1:29 PM (#145690847)

Reply (#)

**ericleamen** (<http://www.theverge.com/users/ericleamen>)



Screw everything else I was planning to buy this year: I need these. I actually don't find them that odd looking on someone. Maybe it's because we've been seeing them for a year now, but they don't look "alien" to me.

I can't wait to have these on my face.

Posted on Feb 22, 2013 | 11:59 AM (#145672069)

[Reply \(#\)](#)

**PauLondon** (<http://www.theverge.com/users/PauLondon>)

You can have too much information.

And where are the ads?

Posted on Feb 22, 2013 | 11:59 AM (#145672081)

[Reply \(#\)](#)

**UtopiaNH** (<http://www.theverge.com/users/UtopiaNH>)

There aren't any and there won't be.

They've said that more than once. They are selling this device /for profit/, in addition to using it to integrate with services that do support their advertising business and data collection services.

Posted on Feb 22, 2013 | 12:41 PM (#145680661)

[Reply \(#\)](#)



**Brian92610** (<http://www.theverge.com/users/Brian92610>)

Great article and video! I'm actually really excited for the future of this tech. Wearable computers are pretty exciting and I can't wait to see where this goes.

Posted on Feb 22, 2013 | 11:59 AM (#145672205)

[Reply \(#\)](#)



**ryan\_socio** ([http://www.theverge.com/users/ryan\\_socio](http://www.theverge.com/users/ryan_socio))

I wasn't this excited when the first iPhone was announced! Holy fuck!! This is just plain awesome!

Posted on Feb 22, 2013 | 12:02 PM (#145672731)

[Reply \(#\)](#)

**R0bster** (<http://www.theverge.com/users/R0bster>)

I could see myself buying this after a couple of iterations when it starts looking like normal glasses.

Posted on Feb 22, 2013 | 12:04 PM (#145673067)

[Reply \(#\)](#)



**levelm** (<http://www.theverge.com/users/levelm>)

Google Glasses: They'll put hair on your chest!

Posted on Feb 22, 2013 | 12:04 PM (#145673163)

[Reply \(#\)](#)



**bensen** (<http://www.theverge.com/users/bensen>)

can you show the interface? what does the interface on that piece of glass look like?

Posted on Feb 22, 2013 | 12:04 PM (#145673229)

[Reply \(#\)](#)

**msl86** (<http://www.theverge.com/users/msl86>)

It's in the google promo video, also posted with the article.

Posted on Feb 22, 2013 | 12:08 PM (#145673953)

[Reply \(#\)](#)



**bensen** (<http://www.theverge.com/users/bensen>)

the interface in the promo video is a rendering, "what it could look like" and not what it actually looks like. prove me wrong and show me a photo of the google-glass-screen.

Posted on Feb 23, 2013 | 5:56 PM (#145938087)

[Reply \(#\)](#)

[justin.hixson.58 \(http://www.theverge.com/users/justin.hixson.58\)](http://www.theverge.com/users/justin.hixson.58)

It isn't very viable to take a picture of the screen without a camera meant to take pictures at stupidly close ranges. Most cameras cant focus on objects that close

However, the reviewer clearly states that the interface works just like it does in the video. which is much better than trying to describe how it works with words.

Posted on Feb 26, 2013 | 4:38 PM (#146515597)

Reply (#)

[twochoicestom \(http://www.theverge.com/users/twochoicestom\)](http://www.theverge.com/users/twochoicestom)

They absolutely NEED to get glasses manufacturers onboard!

Posted on Feb 22, 2013 | 12:04 PM (#145673251)

Reply (#)

[lincoln.wong.37 \(http://www.theverge.com/users/lincoln.wong.37\)](http://www.theverge.com/users/lincoln.wong.37)



Posted on Feb 22, 2013 | 12:05 PM (#145673355)

Reply (#)

[y.a.k \(http://www.theverge.com/users/y.a.k\)](http://www.theverge.com/users/y.a.k)

At what level are you? I'm at level 47... ooohh

Posted on Feb 22, 2013 | 12:22 PM (#145676737)

Reply (#)



[Dougplanet \(http://www.theverge.com/users/Dougplanet\)](http://www.theverge.com/users/Dougplanet)



Posted on Feb 22, 2013 | 1:25 PM (#145690067)

[Reply \(#\)](#)



[IdanH \(http://www.theverge.com/users/IdanH\)](http://www.theverge.com/users/IdanH)



Posted on Feb 23, 2013 | 2:03 PM (#145885553)

[Reply \(#\)](#)

[hotshotz\\_3000 \(http://www.theverge.com/users/hotshotz\\_3000\)](http://www.theverge.com/users/hotshotz_3000)

almost comparable pricing between Google glass and the chrome book pixel. I think if I could choose I'd get a pixel – said no one ever

Posted on Feb 22, 2013 | 12:05 PM (#145673425)

[Reply \(#\)](#)

[peterlau \(http://www.theverge.com/users/peterlau\)](http://www.theverge.com/users/peterlau)

Uh, isn't that a typo?

is it "confident" in our design?

it reads "Before, we were super excited about it and confidant in our design"

Posted on Feb 22, 2013 | 12:06 PM (#145673627)

[Reply \(#\)](#)

[scrumtrelescent7 \(http://www.theverge.com/users/scrumtrelescent7\)](http://www.theverge.com/users/scrumtrelescent7)

Reading through the article, someone should probably be editing the Editor-in-Chief. Seriously, how many times in the first half of the article does he needlessly switch back and forth between past and present tense? Once or twice he didn't hyphenate a single-thought adjective. Awkward sentence structures in quite a few places. And this:

I don't think my face looks quite right without my glasses on, and I didn't think it looked quite right while wearing Google Glass, but after a while it started to feel less and less not-right. And that's something, right?

That sentence dragged on, for one. And the last bit (given how many times he said "right" in the previous sentence) just felt awkward. "And that's got to be something," maybe? Something without the word "right" in it.

I find crap like this in Josh's writing all the time, and then go to the comments and read about how awesome

and polished the article was. The subject matter of this piece was fantastic, and Josh's insights are great for the most part, but is there someone who looks over these articles before they're posted that isn't named Josh Topolsky?

Posted on Feb 22, 2013 | 10:44 PM (#145806283)

Reply (#)

[endon \(http://www.theverge.com/users/endon\)](http://www.theverge.com/users/endon)

This sh\*t's AWESOME, I do need me some of those. If only to scare the neighbors.

Posted on Feb 22, 2013 | 12:06 PM (#145673639)

Reply (#)



[ceejw \(http://www.theverge.com/users/ceejw\)](http://www.theverge.com/users/ceejw)

There's no mention of gaming in this piece. I wonder if Google has any plans to allow augmented reality location games like Ingress on Glass.

Posted on Feb 22, 2013 | 12:07 PM (#145673845)

Reply (#)

[UtopiaNH \(http://www.theverge.com/users/UtopiaNH\)](http://www.theverge.com/users/UtopiaNH)

That would be up to ingress' developers, but I would think it highly likely.

Posted on Feb 22, 2013 | 12:42 PM (#145680911)

Reply (#)



[gohatters \(http://www.theverge.com/users/gohatters\)](http://www.theverge.com/users/gohatters)

I want to hate on these so bad, but they actually look like a pretty fun product. I'm sure the design will become more minimal as time goes on. I think it really hinges on smoothness and ease of use of the operating system.

Posted on Feb 22, 2013 | 12:08 PM (#145673901)

Reply (#)

[chrishind10 \(http://www.theverge.com/users/chrishind10\)](http://www.theverge.com/users/chrishind10)

I'm loving the quality of your video's and articles, this really is the best tech site on the web.

Posted on Feb 22, 2013 | 12:09 PM (#145674149)

Reply (#)

[Rizzlywow91 \(http://www.theverge.com/users/Rizzlywow91\)](http://www.theverge.com/users/Rizzlywow91)

If I can get my prescription with the glasses, then I'm game.

Posted on Feb 22, 2013 | 12:09 PM (#145674151)

Reply (#)

[hotshotz\\_3000 \(http://www.theverge.com/users/hotshotz\\_3000\)](http://www.theverge.com/users/hotshotz_3000)

Buy Google glass for 1500. Walk outside subway for 3 minutes. Someone runs past and jacks your glass.

Posted on Feb 22, 2013 | 12:09 PM (#145674171)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

That's why I'm getting mine implanted into my cranium.

Posted on Feb 22, 2013 | 1:43 PM (#145694297)

Reply (#)



[sleakaj \(http://www.theverge.com/users/sleakaj\)](http://www.theverge.com/users/sleakaj)

I'm more afraid of where the battery "installs" in your idea.

Posted on Feb 22, 2013 | 7:14 PM (#145758047)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

One word: suppositories...

Posted on Feb 24, 2013 | 10:18 PM (#146190203)

Reply (#)



[Mr. Bee \(http://www.theverge.com/users/Mr.%20Bee\)](http://www.theverge.com/users/Mr.%20Bee)

What I find most interesting about the video, is that almost all of the functionality (basically everything except taking the pictures), would be duplicated by Apple's purported "wrist computer." So even though it's a head

mounted pair of glasses, most of what was useful was basically the same as talking to Siri.

Given the upcoming battle between head-mounted and wrist-mounted wearable computing devices, I think the wrist still wins at this point.

However, definitely early days. The idea that a "finished" product that's useful and saleable to the average consumer will be available in 2013 is a bit of a boondoggle for that reason.

Posted on Feb 22, 2013 | 12:10 PM (#145674371)

Reply (#)

[Seven2k7 \(http://www.theverge.com/users/Seven2k7\)](http://www.theverge.com/users/Seven2k7)

you didnt read the article...

Posted on Feb 22, 2013 | 12:25 PM (#145677417)

Reply (#)



[Mr. Bee \(http://www.theverge.com/users/Mr.%20Bee\)](http://www.theverge.com/users/Mr.%20Bee)

Dude, the video is part of the article and I was commenting specifically on the video. Thus my mention of "... about the video ..." in my comment.

Posted on Feb 22, 2013 | 12:48 PM (#145682255)

Reply (#)

[Zelgado \(http://www.theverge.com/users/Zelgado\)](http://www.theverge.com/users/Zelgado)

I don't want to speak for Seven2k7, but I believe what he was getting at is looking at a phone and looking at your wrist basically comes down to the same thing. Which isn't what Google wants you to be doing. So the two concepts are quite a bit different.

Posted on Feb 22, 2013 | 1:40 PM (#145693685)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I think between a wrist device and a HUD smart glass, there's not much of a difference in terms of functionality, though I see Glass being more adaptive in certain situations such as, say, live translation.

Posted on Feb 22, 2013 | 1:53 PM (#145696577)

Reply (#)

[tsekh \(http://www.theverge.com/users/tsekh\)](http://www.theverge.com/users/tsekh)

Glass promotion idea:

Live stream POV sports games. Imagine the future of live sports games with all players and coaches wearing glass and we watch them streaming on TV/Youtube/Google TV.

Google should partner with some of the sports team to do this. What about making this the main headline feature next year superbowl or NBA finals?

Google needs to find a way to filter out all the foul languages though.

Posted on Feb 22, 2013 | 12:11 PM (#145674473)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Google should partner with some of the sports team to do this. What about making this the main headline feature next year superbowl or NBA finals?

Never happen. No professional team is going to allow that in a league game, much less Finals/Superbowl. If anything, it would be done as a stunt in an exhibition or All-Star game where the outcome doesn't matter at all.

Posted on Feb 22, 2013 | 7:09 PM (#145757117)

Reply (#)

**VHS** [Strand0410 \(http://www.theverge.com/users/Strand0410\)](http://www.theverge.com/users/Strand0410)

Live stream POV sports games.

Yes... PoV *SPORTS*.

Posted on Feb 22, 2013 | 9:33 PM (#145789649)

Reply (#)



[lassikin \(http://www.theverge.com/users/lassikin\)](http://www.theverge.com/users/lassikin)

helmet cams are nothing particularly new?

also – ever tried to take a basketball to face? ever tried to take a basketball to face while wearing glasses?  
it's not fun!

Posted on Feb 23, 2013 | 3:23 AM (#145838891)

[Reply \(#\)](#)



[benrees21 \(http://www.theverge.com/users/benrees21\)](http://www.theverge.com/users/benrees21)

So excited for Glass. I definitely will buy them. They may look a bit weird now but in a year or two people will be used to it.

Posted on Feb 22, 2013 | 12:11 PM (#145674587)

[Reply \(#\)](#)

[Vellion \(http://www.theverge.com/users/Vellion\)](http://www.theverge.com/users/Vellion)

the functionality isnt there for anything around 1k...

kind of like the pixel...but at least on the pixel you can install another OS and make it a great computer, with this? what can you really do.

its a cool toy and party trick, we need more substance before it becomes a good utility

Posted on Feb 22, 2013 | 12:12 PM (#145674685)

[Reply \(#\)](#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

What exactly are you looking to do with it? It's Google Now + camcorder on your forehead, all voice-activated.

Posted on Feb 22, 2013 | 12:15 PM (#145675183)

[Reply \(#\)](#)

[tobibreit \(http://www.theverge.com/users/tobibreit\)](http://www.theverge.com/users/tobibreit)

What kind of functionality do you want on glasses? Photoshop? Excel? A bittorrent client? It's not meant to replace any of your other devices.

Posted on Feb 22, 2013 | 1:08 PM (#145686507)

[Reply \(#\)](#)



[GoodTroll \(http://www.theverge.com/users/GoodTroll\)](http://www.theverge.com/users/GoodTroll)

I'd def take the bittorrent client....

Posted on Feb 22, 2013 | 1:25 PM (#145689871)

[Reply \(#\)](#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Run Photoshop on the glasses and integrate Kinect like functionality into the camera so @Vellion can wave his arms like a crazy person as he edits a photo on his Glass while walking around New York City.

Then it won't be a toy, right Vellion?

Posted on Feb 22, 2013 | 7:12 PM (#145757535)

[Reply \(#\)](#)

[Ben49 \(http://www.theverge.com/users/Ben49\)](http://www.theverge.com/users/Ben49)

How do you come to the conclusion that it will be around 1k?

Posted on Feb 24, 2013 | 12:19 AM (#146027929)

[Reply \(#\)](#)



[precious\\_pony \(http://www.theverge.com/users/precious\\_pony\)](http://www.theverge.com/users/precious_pony)

Dat glass.

Posted on Feb 22, 2013 | 12:13 PM (#145674821)

[Reply \(#\)](#)

[E.K \(http://www.theverge.com/users/E.K\)](http://www.theverge.com/users/E.K)

I am skeptical if Glass's real life usage right now, but I would be lying if I said I am not truly excited about it, more than Apple's rumored watch device if I may say. It will be an interesting battle to see which one will prove to be more functional and useful.



[gohatters \(http://www.theverge.com/users/gohatters\)](http://www.theverge.com/users/gohatters)

I kind of agree. It's like smartphones. If people want these, others will innovate around them. Also, am I the only one that thinks a smart watch (from any manufacturer) is silly. It's a niche product at best

Posted on Feb 22, 2013 | 12:14 PM (#145675107)

Reply (#)



[Mr. Bee \(http://www.theverge.com/users/Mr.%20Bee\)](http://www.theverge.com/users/Mr.%20Bee)

You guys realise that Apple is not actually making a "smart watch" right? They are working on a wearable computer just like Google, but it sits on your wrist.

Posted on Feb 22, 2013 | 12:49 PM (#145682535)

Reply (#)



[gohatters \(http://www.theverge.com/users/gohatters\)](http://www.theverge.com/users/gohatters)

When I say smart watch, "wearable computer" is what I'm thinking

Posted on Feb 22, 2013 | 12:52 PM (#145683057)

Reply (#)



[JulianoRossi \(http://www.theverge.com/users/JulianoRossi\)](http://www.theverge.com/users/JulianoRossi)

In fact, Apple might even be working on a Glass too. They have patents on "Glasses technologies" since 2006.

The difference is that Apples never talks about that. But, yes, the watch is way more probable.

Posted on Feb 22, 2013 | 12:53 PM (#145683379)

Reply (#)

[nebrie \(http://www.theverge.com/users/nebrie\)](http://www.theverge.com/users/nebrie)

A watch feels like a "mass market – right now" device while the glasses feels like a "mass market – in a few years" device.

Posted on Feb 22, 2013 | 1:30 PM (#145691257)

Reply (#)



[JulianoRossi \(http://www.theverge.com/users/JulianoRossi\)](http://www.theverge.com/users/JulianoRossi)

I don't know. I still think Google design with those glasses is weird and ugly, but... Joshua says it's comfortable, you actually can see the screen, well, it works.

I think Google might be creating the next iPhone. If Apple don't launch the actual product before them :P

Posted on Feb 22, 2013 | 2:08 PM (#145700121)

Reply (#)

[Giuseppe.M \(http://www.theverge.com/users/Giuseppe.M\)](http://www.theverge.com/users/Giuseppe.M)

I think google glass is designed to look really nice. Now they just need to work on the lenses to go along with them.

Posted on Feb 22, 2013 | 2:56 PM (#145710833)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Kinda like "smartphones" are more like "handheld computers" nowadays.

#semantics

Posted on Feb 22, 2013 | 2:01 PM (#145698439)

Reply (#)



[thisismynextname \(http://www.theverge.com/users/thisismynextname\)](http://www.theverge.com/users/thisismynextname)

Good god. It's SO amazing.

Posted on Feb 22, 2013 | 12:14 PM (#145674965)

Reply (#)



**faiyaz9786** (<http://www.theverge.com/users/faiyaz9786>)

The only problem with NLP devices with commands in English is the poor ability of the device to pick different accents (especially from non-native speakers)....there is no doubt that this device will make wonderful wear otherwise!

Posted on Feb 22, 2013 | 12:14 PM (#145675027)

[Reply \(#\)](#)

**phii** (<http://www.theverge.com/users/phii>)

That's why Google seems to be moving forward with NLP for the last few years. First with word transcription with the Android keyboards, and now with Google Now. You didn't think they were throwing away all that data, did you?

Posted on Feb 22, 2013 | 12:21 PM (#145676517)

[Reply \(#\)](#)



**faiyaz9786** (<http://www.theverge.com/users/faiyaz9786>)

i can totally understand the physical keyboard part....but i dont think they have seggregated phonetic data

Posted on Feb 22, 2013 | 12:24 PM (#145677129)

[Reply \(#\)](#)

**xgravity23** (<http://www.theverge.com/users/xgravity23>)

They have been transcribing my Google Voice voicemails and asking me for feedback for three years, before I even had a smartphone. There's another boatload of data your forgot to mention.

Posted on Feb 25, 2013 | 7:28 AM (#146217619)

[Reply \(#\)](#)



**cxd** (<http://www.theverge.com/users/cxd>)

CAN NOT WAIT!

Posted on Feb 22, 2013 | 12:15 PM (#145675159)

[Reply \(#\)](#)

**Boomboom7** (<http://www.theverge.com/users/Boomboom7>)

No estimates of battery life?

Posted on Feb 22, 2013 | 12:15 PM (#145675267)

[Reply \(#\)](#)

**tobibreit** (<http://www.theverge.com/users/tobibreit>)

That's a good question.

Posted on Feb 22, 2013 | 1:10 PM (#145686811)

[Reply \(#\)](#)



**John Ryan Manning** (<http://www.theverge.com/users/Ryan%20Manning>)

*Video Director/Editor, The Verge*

They said it can last a full day of "average usage"

Posted on Feb 22, 2013 | 5:35 PM (#145744127)

[Reply \(#\)](#)

**gamelife1** (<http://www.theverge.com/users/gamelife1>)

I can't wait for Glass, if they can get these things out for no more than \$500 I will buy it day 1. Also, I'm curious how third party applications will work on this.

Posted on Feb 22, 2013 | 12:16 PM (#145675447)

[Reply \(#\)](#)



**Jatertulien** (<http://www.theverge.com/users/Jatertulien>)

I want this. More potential than an iwatch. Simply for the fact that I could see it blending into life. I could see a point where you might forget there's a computer on your head. Other than initially getting some gazes this thing seems to be the future. Also Topolsky has epic chest hair.

Posted on Feb 22, 2013 | 12:16 PM (#145675491)

[Reply \(#\)](#)

[Quixote2961 \(http://www.theverge.com/users/Quixote2961\)](http://www.theverge.com/users/Quixote2961)

So many words for what is really just a miniaturized HUD linked to Google's back-end, with recording capabilities. Yawn.

Posted on Feb 22, 2013 | 12:18 PM (#145675771)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Yeah, I don't know why people aren't tired of having so many HUD products on the market right now...

Posted on Feb 22, 2013 | 2:05 PM (#145699327)

[Reply \(#\)](#)

[billnozick \(http://www.theverge.com/users/billnozick\)](http://www.theverge.com/users/billnozick)

he's from teh future

Posted on Feb 24, 2013 | 6:00 PM (#146131949)

[Reply \(#\)](#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

So many haters failing to recognize what could be a pretty big leap forward in personal tech. Yawn.

Posted on Feb 22, 2013 | 7:15 PM (#145758207)

[Reply \(#\)](#)



[ravrahn \(http://www.theverge.com/users/ravrahn\)](http://www.theverge.com/users/ravrahn)

"So many words for what is really just exciting new consumer electronics that has never been done before"

FTFY

Posted on Feb 22, 2013 | 8:24 PM (#145772397)

[Reply \(#\)](#)



[Andrew Polidori \(http://www.theverge.com/users/AndrewPolidori\)](http://www.theverge.com/users/AndrewPolidori)

You go make one then. Since it's so trivial. I'm sure yours will match this feature for feature. So easy to poo-poo what takes teams of smart people years of hard work. Shame on you.

Posted on Feb 23, 2013 | 2:42 PM (#145894377)

[Reply \(#\)](#)

[Vellion \(http://www.theverge.com/users/Vellion\)](http://www.theverge.com/users/Vellion)

this will be worse than bluetooth headsets...

everyone yelling into their devices, yammering about personal stuff no one wants to hear about.

Posted on Feb 22, 2013 | 12:18 PM (#145675781)

[Reply \(#\)](#)



[magiscratch \(http://www.theverge.com/users/magiscratch\)](http://www.theverge.com/users/magiscratch)

They're not already doing this?

People will be assholes whether or not they have technology.

Posted on Feb 22, 2013 | 12:58 PM (#145684373)

[Reply \(#\)](#)

[sideshowscott \(http://www.theverge.com/users/sideshowscott\)](http://www.theverge.com/users/sideshowscott)

sounds like starbucks at 7:30 in the morning

Posted on Feb 22, 2013 | 5:18 PM (#145741409)

[Reply \(#\)](#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Why aren't you bitching about the people that already do this now?

Posted on Feb 22, 2013 | 7:16 PM (#145758335)

[Reply \(#\)](#)



[BenjiS \(http://www.theverge.com/users/BenjiS\)](http://www.theverge.com/users/BenjiS)

Great article Josh. I am so jealous of your job.

Posted on Feb 22, 2013 | 12:18 PM (#145675819)

[Reply \(#\)](#)



[prometheus \(http://www.theverge.com/users/prometheus\)](http://www.theverge.com/users/prometheus)

How long until the military goes all robocop and weaponizes this?



Posted on Feb 22, 2013 | 12:18 PM (#145675833)

[Reply \(#\)](#)



[GoodTroll \(http://www.theverge.com/users/GoodTroll\)](http://www.theverge.com/users/GoodTroll)

You're joking, right? The military has been experimenting w/ HUDs for a while now...

Posted on Feb 22, 2013 | 1:26 PM (#145690235)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

HUDs are sooo 50's...

Posted on Feb 22, 2013 | 2:12 PM (#145700915)

[Reply \(#\)](#)



[dingus \(http://www.theverge.com/users/dingus\)](http://www.theverge.com/users/dingus)

Worth \$1500 if every time you wake it up it says "You're gonna be one bad mother fucker."

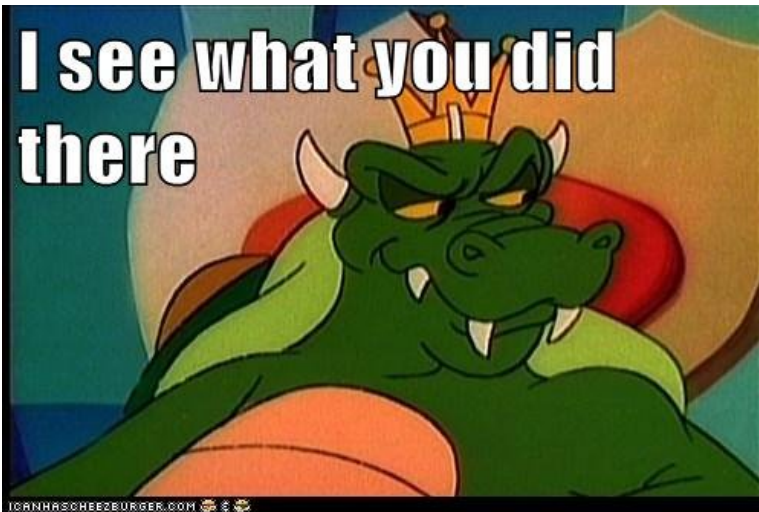
Posted on Feb 24, 2013 | 2:43 AM (#146038595)

[Reply \(#\)](#)



[OztheCreator \(http://www.theverge.com/users/OztheCreator\)](http://www.theverge.com/users/OztheCreator)

The cashier seemed to be **on the verge** of asking me what I was wearing on my face, but the question never came.



Posted on Feb 22, 2013 | 12:21 PM (#145676405)

[Reply \(#\)](#)



[TheKaiser \(http://www.theverge.com/users/TheKaiser\)](http://www.theverge.com/users/TheKaiser)

Check it out they are all wearing Google Glass, don't you want to wear it too?



Posted on Feb 22, 2013 | 12:21 PM (#145676463)

Reply (#)



[prometheus \(http://www.theverge.com/users/prometheus\)](http://www.theverge.com/users/prometheus)



Now with Jellybean

Posted on Feb 22, 2013 | 2:34 PM (#145705741)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Yes?

Posted on Feb 22, 2013 | 7:17 PM (#145758563)

Reply (#)

[PauLondon \(http://www.theverge.com/users/PauLondon\)](http://www.theverge.com/users/PauLondon)

It will be fun with lots of people walking past all saying "OK glass" and activating your glasses.

Posted on Feb 22, 2013 | 12:21 PM (#145676601)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Alas, it's not gonna happen, as Google Glass uses bone conduction technology for noise reduction and to capture your voice only.

Posted on Feb 22, 2013 | 2:15 PM (#145701667)

Reply (#)

[billnozick \(http://www.theverge.com/users/billnozick\)](http://www.theverge.com/users/billnozick)

That was not in the article. Google Employee?

Posted on Feb 24, 2013 | 5:58 PM (#146131597)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

No, just someone who knows how to use Google Search.

Posted on Feb 24, 2013 | 10:22 PM (#146190867)

Reply (#)

[Fri13 \(http://www.theverge.com/users/Fri13\)](http://www.theverge.com/users/Fri13)

You needed to touch the touch sensitive area or watch up slowly first before voice activation is enabled....

Posted on Feb 25, 2013 | 3:56 PM (#146296565)

Reply (#)

[guy2000 \(http://www.theverge.com/users/guy2000\)](http://www.theverge.com/users/guy2000)

And we continue along the path of Big Brother watching over us at every step...seriously...

Google want this on everyone so they can monitor where you are, what stores you are shopping in... government will want it for what you can imagine...

I'm far from a luddite but I don't see anything positive about this...and it makes you look like a weenie!

Posted on Feb 22, 2013 | 12:22 PM (#145676745)

Reply (#)



[bradleyq \(http://www.theverge.com/users/bradleyq\)](http://www.theverge.com/users/bradleyq)

Paranoid much?

Posted on Feb 22, 2013 | 12:22 PM (#145676845)

Reply (#)

[Triple-f \(http://www.theverge.com/users/Triple-f\)](http://www.theverge.com/users/Triple-f)

He's just using common sense....unlike most people here. Google is a COMPANY. They want to make MONEY. So how does Google make money? They do it by getting all information on the web so you can find it through Google and they can show you their ads. What better way to get all information online then by getting everybody to wear glasses und record as much as possible.

Sometimes I wonder how naive mankind is.

You know the fun part: there are a lot of data requests coming from the government. In the future it's even greater for the administration because every detail of your life is on Googles servers and they just need to get a court order to get all this nice information (were you have been, who you met and so on). Of course you have nothing to hide.....of course....

Posted on Feb 22, 2013 | 1:49 PM (#145695725)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Google is a COMPANY. They want to make MONEY. So how does Google make money?  
They do it by getting all information...

~~~~~.....

We don't need your condescension; we know perfectly well how Google makes its money (as if Google haters don't remind us every time their name is passingly mentioned). And guess what? We don't care! I know you like to pretend like showing ads is the most evil act a company could do...but the rest of us are not afraid of being shown commercials for stuff we're interested on.

Posted on Feb 22, 2013 | 2:37 PM (#145706317)

Reply (#)

[polter \(http://www.theverge.com/users/polter\)](http://www.theverge.com/users/polter)

You're not a Google-hater just because you're critical. Stop throwing strawmen around.

Posted on Feb 25, 2013 | 4:33 AM (#146215271)

Reply (#)



[yv \(http://www.theverge.com/users/yv\)](http://www.theverge.com/users/yv)

Not caring about privacy much?

This is not for me. The ability to record videos and photos without people around me not really knowing about it is too much. I'm not the type to have one company to integrate as such in my daily way of living, learn from it and grow from it. It's getting too personal for me.



[Andrew Polidori \(http://www.theverge.com/users/AndrewPolidori\)](http://www.theverge.com/users/AndrewPolidori)

There are only a few places in the world where anyone could utter the words "big brother" about the government and not sound like a total asshole.

Posted on Feb 23, 2013 | 2:40 PM (#145893813)

Reply (#)

[chesterharry \(http://www.theverge.com/users/chesterharry\)](http://www.theverge.com/users/chesterharry)

Smartphones with GPS, and NFC and WiFi and Bluetooth already give the same set of information to those interested. Google is working on this because they want to become the "now" service. Information in a convenient HUD. Whichever device controls the gateway to your information, is in many ways the most important OS.

Posted on Feb 22, 2013 | 12:42 PM (#145680881)

Reply (#)

[Quixote2961 \(http://www.theverge.com/users/Quixote2961\)](http://www.theverge.com/users/Quixote2961)

No, not the same set of information. When the camera is not pointed at something your smartphone cannot transmit visual information about its surroundings. This device will do that. Even worse, it will transmit information *about those around you without their explicit consent* – people who may not want to have their movements recorded by Google or anyone else. There are privacy issues in play here.

Posted on Feb 22, 2013 | 2:29 PM (#145704617)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

When the camera is not pointed at something your smartphone cannot transmit visual information about its surroundings. This device will do that.

Didn't you read that this device doesn't record anything unless you tell it to, and that even then it only records 10 seconds of video?

Right, you didn't read at all...

Posted on Feb 22, 2013 | 2:44 PM (#145707887)

Reply (#)

[Quixote2961 \(http://www.theverge.com/users/Quixote2961\)](http://www.theverge.com/users/Quixote2961)

Why can't you see farther than the tip of your nose? Storage capacity increases exponentially every year. Webcams can be turned on remotely. You do realize that technology is advancing, right? It's the use cases that need to be controlled, because you can't stop technology. Just because you can do something doesn't mean you should.

Posted on Feb 22, 2013 | 3:35 PM (#145720339)

Reply (#)

[benrees21 \(http://www.theverge.com/users/benrees21\)](http://www.theverge.com/users/benrees21)

I smell a pure Google hater! I bet if Apple done it you would be cheering them on, even though they will use the data in the same way, just without being upfront about it! All companies use your info to serve you ads and if you don't think so then you're a fool. I don't care about Google using info on me to serve me ads for things I might be interested in, it's better than ads for Viagra or some other nonsense I am not interested in. I also enjoy their free services, if giving up a little bit of info keeps them free then so be it! Google will not be allowed to spy with Glass, don't be stupid.

Posted on Feb 22, 2013 | 5:27 PM (#145742761)

Reply (#)

[benrees21 \(http://www.theverge.com/users/benrees21\)](http://www.theverge.com/users/benrees21)

So many haters in here. Just mad because their favourite company is not making them. This is a great piece of tech and should be celebrated, regardless of who makes them.

Posted on Feb 22, 2013 | 5:48 PM (#145746047)

Reply (#)

[polter \(http://www.theverge.com/users/polter\)](http://www.theverge.com/users/polter)

There's so much fail in your comments.

- You accuse the commenter above you of being a "Google hater" simply for having a view other than a favourable one. That is a childish thing to do, and I ask you to stop.
- It's socially unacceptable to go around pointing a camera in people's faces. That's one point against Glass.
- No, all companies does not use your information in the same way.
- You don't care about Google using your info, fine, but I happen to care.
- Sure, I probably would be a bit more fine with Glass if it came from a company who's business model was another. But in the end, I still wouldn't want them no matter what company made them.
- You claim that we should celebrate Glass simply because it's technically impressive, and I fail to see why. Something being technically advanced doesn't make it a good thing overall.

Posted on Feb 25, 2013 | 4:42 AM (#146215401)

Reply (#)



**benrees21** (<http://www.theverge.com/users/benrees21>)

If you look at his comment history, it's clear he is a Google hater! Something you failed to do bro. I can point cameras where I want, when I want without taking pictures and video! It's not taking pictures and videos 24/7, only when you say so and it has a light to let people know you are filming. If you are unhappy with the way Google operates, don't buy Glass! No one is forcing you to! It is a wonderful piece of tech, even if you don't see it through your rage. It should be celebrated! I think you are the one who has comment fail! Have a good day, Sir.

Posted on Feb 25, 2013 | 6:40 AM (#146216797)

Reply (#)

**polter** (<http://www.theverge.com/users/polter>)

You're right, I didn't check his complete comment history before defending him, because I think someone can make both helpful and not so helpful comments. There was no "hating" in the comment you replied to, and that comment stands on its own.

And sure, theoretically you can point your camera wherever you want and shoot video, but people are going to get pissed. That's why I wrote that it's socially unacceptable. You will probably also get a lot of people asking you to remove the device when speaking to them, and they might consider you disrespectful if you don't.

What makes you sound like a total troll is that you put in stuff like "even if you don't see it through your rage". I'm not even angry about this. I don't get angry about comments on the internet. I just thought your comment was dumb. By the way: "wonderful" is quite subjective.

Edit: C'mon, why can't you make argue for or against something on the internet without having some guy/girl call you a "hater". I wish we could have some debate without it turning into emotional arguments.

Posted on Feb 26, 2013 | 10:19 AM (#146434475)

Reply (#)

**batukhan** (<http://www.theverge.com/users/batukhan>)

Look, some time ago, when it came out Apple had been storing users' locations in an XML file on their iPhone's local storage, it was a HUGE deal, resulting in a myriad of class action lawsuits all over the world.

When someone would find out, that Glass takes pictures without the user's consent, and uploads them to a secret server, all hell would break loose. This is not something that could possibly remain a secret.

Cache files can be read

Wireless communication can easily be identified and read by any computer, giving you IP-addresses.

There is no way, that something like this would go unnoticed, and there is no way Google engineers would think otherwise. And why the hell would Google want to do anything like this in the first place? Do you think Sergey Brin is like The Riddler from Batman? Get a grip on reality man. It's a fun toy to take pictures. We'll work the privacy issues out with guarantees and legislation

Posted on Feb 25, 2013 | 10:39 AM (#146231391)

Reply (#)

**Fri13** (<http://www.theverge.com/users/Fri13>)

The OS doesn't matter so much how you get access to your data, only required feature from OS of course is TCP/IP protocol stack and drivers for network device so you can get internet connection from your application or program.

The graphical user interface has been the most important software in consumer computers for

consumers, not the operating system what is lowest level software in whole software system.

Posted on Feb 25, 2013 | 3:59 PM (#146297343)

Reply (#)



[dain.laguna \(http://www.theverge.com/users/dain.laguna\)](http://www.theverge.com/users/dain.laguna)

saying 'weenie' makes you look like one

Posted on Feb 22, 2013 | 2:39 PM (#145706731)

Reply (#)

[Harry Hisch \(http://www.theverge.com/users/Harry%20Hisch\)](http://www.theverge.com/users/Harry%20Hisch)

On the open ended scale of total nerdiness this beats bluetooth headsets hands down. Also, I would not like to be seen in the street with this thing.

Posted on Feb 22, 2013 | 12:22 PM (#145676755)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

I am sure you are the very definition of cool.

Posted on Feb 22, 2013 | 7:19 PM (#145758933)

Reply (#)

[Monkeydeus \(http://www.theverge.com/users/Monkeydeus\)](http://www.theverge.com/users/Monkeydeus)

What are you dork fanboys going to say when someone cracks this and we have a Dark Knight situation where anyone can be tracked at anytime, without even knowing?

Whoops, didn't notice guy2000 right above me :S

Posted on Feb 22, 2013 | 12:22 PM (#145676795)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

Your smartphone is already tracking you.

Posted on Feb 22, 2013 | 12:24 PM (#145677051)

Reply (#)



[PredictionBoom \(http://www.theverge.com/users/PredictionBoom\)](http://www.theverge.com/users/PredictionBoom)

You mean like with telephones?

Posted on Feb 22, 2013 | 12:24 PM (#145677071)

Reply (#)

[Monkeydeus \(http://www.theverge.com/users/Monkeydeus\)](http://www.theverge.com/users/Monkeydeus)

My phone can place me. It, or yours, can't video tape me doing something, without my having a decent idea it is happening. That I am aware of, yet.

Posted on Feb 22, 2013 | 12:51 PM (#145682783)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

But the security cameras on the cafe can. And the ones on the supermarket. And the ones on the street. And those are much better sources for the govt to look for video of you rather than hoping on the chance that Google might have an off angle recording of your boots...

Posted on Feb 22, 2013 | 2:52 PM (#145709651)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

If someone could hack into your phone they could record audio, which isn't that different.

Posted on Feb 22, 2013 | 3:22 PM (#145717183)

Reply (#)

[lassikin \(http://www.theverge.com/users/lassikin\)](http://www.theverge.com/users/lassikin)

well, technically most smartphones could nowadays. hardly any phone has a recording light on the front cam.

you'd notice it soon enough by losing battery mighty fast and racking up huge transfers.

and it's technically possible to triangulate your position to a building if you're on good coverage area

just if your phone is on (by doing it from the network side, but again it needs good network coverage of the phone being in the area of multiple cells so maybe in USA you don't have that "problem").

so I don't think that's that big of a problem.

Posted on Feb 22, 2013 | 4:38 PM (#145734165)

Reply (#)

**Fri13** (<http://www.theverge.com/users/Fri13>)

Well they can not by default tape you but there are malware **for all software systems** what allows to start video recording or voice recording if wanted. There is a rule in big business meetings in Russia that you need to turn off your phone and take off the battery and leave it to other room, because the malware can spy the meeting without anyone else knowing it than spy.

And with just having your cellphone turn on, carrier knows your location in urban area about 50 feet accuracy, about 200 feet in farmlands and less than 10 feet in cities and malls and other locations where there are dozens of cells available.

Do you guess why cellphones are continually contacted to at least three cell and they use the strongest one for connection?

It isn't a magic trick to triangulate cellphone position in area what has more than 2 cells.... The tricky part just is, it is information what carrier gets and in EU carriers are forced by law to store even that information for 6-24 months. Even police use that data to catch people as they can just request teleinformation what cellphones have been on specific area in specific time....

Posted on Feb 25, 2013 | 4:06 PM (#146299291)

Reply (#)

**flac** (<http://www.theverge.com/users/flac>)

hey, I didn't know the glass's creator is babak parviz, a sharif uni grad. iranians represent :)

Posted on Feb 22, 2013 | 12:23 PM (#145676863)

Reply (#)



**victorstuber** (<http://www.theverge.com/users/victorstuber>)

I'll be honest I thought this would be a huge flop, but I could see this working if they are able to integrate glass into my Warby Parkers. Let's hope chunky glasses stay fashionable for a while so we can Glass integrated.

Posted on Feb 22, 2013 | 12:25 PM (#145677245)

Reply (#)



**Dawoogman** (<http://www.theverge.com/users/Dawoogman>)

Who did the mixing on the video? The background music should actually be more subtle, not overbearing, when people are speaking. I dk if it was just me, but I found it annoying, distracting, & made voices sound muffled for the first half of the video.

Posted on Feb 22, 2013 | 12:25 PM (#145677249)

Reply (#)

**jhoff80** (<http://www.theverge.com/users/jhoff80>)

I thought the tone of the music was entirely wrong too, but maybe that's just me. It was just sort of dark compared to the topic of the video.

Posted on Feb 22, 2013 | 12:30 PM (#145678315)

Reply (#)



**John Ryan Manning** (<http://www.theverge.com/users/Ryan%20Manning>)

*Video Director/Editor, The Verge*

Sorry, BB.

Posted on Feb 22, 2013 | 2:05 PM (#145699271)

Reply (#)

**cherbert** (<http://www.theverge.com/users/cherbert>)

I actually liked the music and didn't find it distracting at all. I think The Verge easily has the best videos of the gadget blogs and this one really reinforced that for me.

Posted on Feb 22, 2013 | 4:54 PM (#145737569)

Reply (#)



**Dawoogman** (<http://www.theverge.com/users/Dawoogman>)

I have no issue with the music choice. I think it suited the concept of the video just fine. I have been

spoiled by the amazing Verge content & that is why I think I noticed at the beginning that music didn't find the proper balance when people are speaking, like a true documentary does. Plus I also do video work & watch a lot of documentaries.

Posted on Feb 22, 2013 | 6:51 PM (#145754577)

Reply (#)

[floatingmonkey \(http://www.theverge.com/users/floatingmonkey\)](http://www.theverge.com/users/floatingmonkey)

now if this was embedded in your contact lenses rather than glass it would truly be mind bending...

Posted on Feb 22, 2013 | 12:26 PM (#145677527)

Reply (#)

[minsk \(http://www.theverge.com/users/minsk\)](http://www.theverge.com/users/minsk)

Most people don't want to wear contact lenses – even most people with glasses.

Posted on Feb 22, 2013 | 12:37 PM (#145679903)

Reply (#)

[tobibreit \(http://www.theverge.com/users/tobibreit\)](http://www.theverge.com/users/tobibreit)

For those who want (and most people with good eyes never tried) it would be great. What's your point?

Posted on Feb 22, 2013 | 1:16 PM (#145687989)

Reply (#)

[xgravity23 \(http://www.theverge.com/users/xgravity23\)](http://www.theverge.com/users/xgravity23)

Minsk, not me. I wear contact lenses and I never ever want to have to wear glasses. I HATE losing full-field vision when I wear them. There was a period—maybe 6-8 years—when I took my contacts out maybe 6 times a year, usually to change pairs.

Posted on Feb 25, 2013 | 7:32 AM (#146217709)

Reply (#)

[Gudgel \(http://www.theverge.com/users/Gudgel\)](http://www.theverge.com/users/Gudgel)

So awesome.

I'm sure Google has already thought of this, but the immediate opportunity isn't in sales to normal people. The opportunity is in government and corporate contracts. This technology will eventually find its way into Police visors, car windshields, etc.

I can also see tons of copyright, privacy, and legal issues with these though.

Posted on Feb 22, 2013 | 12:26 PM (#145677649)

Reply (#)

[SolomonOh \(http://www.theverge.com/users/SolomonOh\)](http://www.theverge.com/users/SolomonOh)

imagine recording your classes with Google Glass. A+ for the whole year.

Posted on Feb 22, 2013 | 12:27 PM (#145677707)

Reply (#)

[tobibreit \(http://www.theverge.com/users/tobibreit\)](http://www.theverge.com/users/tobibreit)

Imagine wearing them during your exams. That's gonna be an issue in schools.

Posted on Feb 22, 2013 | 1:17 PM (#145688387)

Reply (#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

Imagine teachers seeing a gadget on your face and not assume you're cheating.

Posted on Feb 22, 2013 | 2:44 PM (#145707821)

Reply (#)



[AndrewPolidori \(http://www.theverge.com/users/AndrewPolidori\)](http://www.theverge.com/users/AndrewPolidori)

I can imagine just a ton of background noise.

Posted on Feb 23, 2013 | 2:37 PM (#145893327)

Reply (#)

[ClassyPotato \(http://www.theverge.com/users/ClassyPotato\)](http://www.theverge.com/users/ClassyPotato)

Before reading this article, I was just meh on glass.

Now, I must have this.

Posted on Feb 22, 2013 | 12:28 PM (#145677859)

Reply (#)



[max1c \(http://www.theverge.com/users/max1c\)](http://www.theverge.com/users/max1c)

Going to fail miserably.

Posted on Feb 22, 2013 | 12:28 PM (#145677871)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

That opinion backed by extensive market research, I'm sure ...

Posted on Feb 22, 2013 | 7:22 PM (#145759433)

Reply (#)

[jhoff80 \(http://www.theverge.com/users/jhoff80\)](http://www.theverge.com/users/jhoff80)

It's too bad there's no video-out on the prototypes. It'd be much more interesting if we could see the interface of it in actual use.

Posted on Feb 22, 2013 | 12:28 PM (#145677951)

Reply (#)

[MistaWondaBread \(http://www.theverge.com/users/MistaWondaBread\)](http://www.theverge.com/users/MistaWondaBread)

Did you read the article? Josh said it's exactly like the video Google posted.

Posted on Feb 22, 2013 | 1:48 PM (#145695525)

Reply (#)

[jhoff80 \(http://www.theverge.com/users/jhoff80\)](http://www.theverge.com/users/jhoff80)

Of course I read the article, but the video Google posted is a produced video. I don't care if it's demonstrating the same exact thing, I want to see it in actual real-world use.

Posted on Feb 22, 2013 | 2:07 PM (#145699857)

Reply (#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

Let me start by saying that using it is actually nearly identical to what the company showed off in its newest demo video.

RTFA

Posted on Feb 22, 2013 | 2:46 PM (#145708413)

Reply (#)

[jhoff80 \(http://www.theverge.com/users/jhoff80\)](http://www.theverge.com/users/jhoff80)

RTF comment you're responding to.

Posted on Feb 22, 2013 | 2:48 PM (#145708811)

Reply (#)

[transistor \(http://www.theverge.com/users/transistor\)](http://www.theverge.com/users/transistor)

I love this stuff as much as the next guy, but if some more of those sleek, smart people would invest their "solve the problem of blabla" into making water distillation cheaper, faster, and easier distributable, fewer people would die from basically drinking other people's excrement (= cholera).

I really don't know, sorry. ... – But even from a gadget lover's standpoint (me), this seems a bit frivolous.

Posted on Feb 22, 2013 | 12:29 PM (#145678049)

Reply (#)

[Monkeydeus \(http://www.theverge.com/users/Monkeydeus\)](http://www.theverge.com/users/Monkeydeus)

Thanks for sounding a note of sanity. This truly is the dawning of tech porn, now.

Posted on Feb 22, 2013 | 1:24 PM (#145689813)

Reply (#)

[MistaWondaBread \(http://www.theverge.com/users/MistaWondaBread\)](http://www.theverge.com/users/MistaWondaBread)

Google is a company, not a non-profit.

Posted on Feb 22, 2013 | 1:49 PM (#145695763)

Reply (#)

[oliv \(http://www.theverge.com/users/oliv \)](http://www.theverge.com/users/oliv)

Yeah who cares about solving actual problems? Money all the way

Posted on Feb 24, 2013 | 4:54 AM (#146041701)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Right, we shouldn't try to advance tech at all. None of that effort ever has a positive effect on anything else. In fact, we should have skipped going into space. None of that research ever helped anyone, in fact, it probably killed some kittens somehow.

/s

Posted on Feb 22, 2013 | 7:24 PM (#145759897)

Reply (#)



[Andrew Polidori \(http://www.theverge.com/users/AndrewPolidori\)](http://www.theverge.com/users/AndrewPolidori)

This may be frivolous, but so is your complaining. Instead, could you direct me towards any groups that I could offer my time or money towards?

Posted on Feb 23, 2013 | 2:36 PM (#145892993)

Reply (#)

[festik \(http://www.theverge.com/users/festik\)](http://www.theverge.com/users/festik)

I haven't read the article yet, will definitely read it on my lunch.. but have to say.. That picture at the top is looking **exceptionally** fresh and crisp. Totally badass.

Posted on Feb 22, 2013 | 12:29 PM (#145678179)

Reply (#)



[lk \(http://www.theverge.com/users/lk\)](http://www.theverge.com/users/lk)

I don't see why Google Glass isn't more like \$300. Video glasses are only \$150 or so. If Google can make Glass into Wayfarers for only \$200 extra with eye tracking and bone conduction audio, I'm in.

Posted on Feb 22, 2013 | 12:29 PM (#145678209)

Reply (#)

[RobertJP \(http://www.theverge.com/users/RobertJP\)](http://www.theverge.com/users/RobertJP)

I'm sure it's because of the cost of miniaturization of the motherboard and battery that this thing is costly now. I'm sure once it's a consumer product the price will be reasonable, at least under 1k. Seeing the original prototype compared to the size they got it down to is astounding.

Posted on Feb 22, 2013 | 12:37 PM (#145679815)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

It's not production ready. So each unit costs a lot to produce in small quantities. In addition, they are not looking for volume sales yet, so why price the prototype at a level where you'd have a massive wait list?

Posted on Feb 22, 2013 | 7:27 PM (#145760333)

Reply (#)



[DougB541 \(http://www.theverge.com/users/DougB541\)](http://www.theverge.com/users/DougB541)

This is one of those products when we first heard about it I thought it was one of those things that would be locked away in Google R&D department and never see the light of day.

....now after reading and watching this video, I kinda want it.

Posted on Feb 22, 2013 | 12:29 PM (#145678247)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

It represents Google's corporate culture and how it differs from other companies. We know Apple and Microsoft also work on crazy concepts but they rarely let the public in on development of a proof-of-concept like Google has consistently done.

The CR-48 Chromebooks they just gave away for free...

The excitement of spotting a self-driving car...

I think they realize that doing this kind of stuff helps advertise Google as a brand "of the future," not afraid to try new things and gauge public interest before final products hit store shelves. They've made a decent



business model out of turning "beta" into a product itself.

Posted on Feb 22, 2013 | 12:44 PM (#145681419)

Reply (#)

[tobibreit \(http://www.theverge.com/users/tobibreit\)](http://www.theverge.com/users/tobibreit)

Very good thought. Most companies are too scared of competitors taking their ideas and make a product of their own. Google just knows they are first and probably better than the competition.

Posted on Feb 22, 2013 | 1:21 PM (#145689253)

Reply (#)



[DougB541 \(http://www.theverge.com/users/DougB541\)](http://www.theverge.com/users/DougB541)

Good point...I just imagined Google Glasses with the "wearable Touchscreen" concept Microsoft has shown off.

future man.

Video here: <http://research.microsoft.com/apps/video/default.aspx?id=160684>  
(<http://research.microsoft.com/apps/video/default.aspx?id=160684>)

Posted on Feb 22, 2013 | 1:34 PM (#145692035)

Reply (#)



[antoine-sorel-neron \(http://www.theverge.com/users/antoine-sorel-neron\)](http://www.theverge.com/users/antoine-sorel-neron)

Glass on both sides would be awesome.

Glass1 (on the right) shows what you see in the video, while the Glass2 (on the left) allows you to multi-task.

So, for example, I can Google for something while I'm in a hangout with someone.

Posted on Feb 22, 2013 | 12:29 PM (#145678257)

Reply (#)



[Nightfall983 \(http://www.theverge.com/users/Nightfall983\)](http://www.theverge.com/users/Nightfall983)

Then you will end up cross eyed in a week!

Posted on Feb 22, 2013 | 12:43 PM (#145681069)

Reply (#)



[antoine-sorel-neron \(http://www.theverge.com/users/antoine-sorel-neron\)](http://www.theverge.com/users/antoine-sorel-neron)

Of course, it was not implied that you would watch both screens at the same time ;)

Posted on Feb 23, 2013 | 1:01 AM (#145829673)

Reply (#)

[misterprecioso \(http://www.theverge.com/users/misterprecioso\)](http://www.theverge.com/users/misterprecioso)

i want this now

Posted on Feb 22, 2013 | 12:30 PM (#145678459)

Reply (#)



[dodong27 \(http://www.theverge.com/users/dodong27\)](http://www.theverge.com/users/dodong27)

AMAZING..!  
Great Article..!!!

Posted on Feb 22, 2013 | 12:31 PM (#145678489)

Reply (#)



[innfs \(http://www.theverge.com/users/innfs\)](http://www.theverge.com/users/innfs)

josh is awesome!

Posted on Feb 22, 2013 | 12:31 PM (#145678603)

Reply (#)

[sirtokealot \(http://www.theverge.com/users/sirtokealot\)](http://www.theverge.com/users/sirtokealot)

Still not buying it.

Posted on Feb 22, 2013 | 12:32 PM (#145678799)

Reply (#)

[J\\_live \(http://www.theverge.com/users/J\\_live\)](http://www.theverge.com/users/J_live)

No one will buy it if you don't. Your sale is very important, please buy it.

Posted on Feb 22, 2013 | 3:07 PM (#145713505)

[Reply \(#\)](#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

With that name, I'm sure you've got other priorities for your spending dollar.

Posted on Feb 22, 2013 | 7:28 PM (#145760687)

[Reply \(#\)](#)



[yv \(http://www.theverge.com/users/yv\)](http://www.theverge.com/users/yv)

Me too. I can see how people can be interested in it and respect it. But this is one company integrating way above what I judge acceptable in my life. Like Josh said, there are moments when these glasses can prove to be useful, but not enough to carry around all day for me.

Posted on Feb 22, 2013 | 10:32 PM (#145803747)

[Reply \(#\)](#)



[joseph.reger \(http://www.theverge.com/users/joseph.reger\)](http://www.theverge.com/users/joseph.reger)

Fantastic article Josh! I'm very excited for this and can't wait for all the possibilities google glass can bring. It's an exciting time to be both a lover of gadgets and tech but also a consumer.

Posted on Feb 22, 2013 | 12:33 PM (#145679049)

[Reply \(#\)](#)



[OztheCreator \(http://www.theverge.com/users/OztheCreator\)](http://www.theverge.com/users/OztheCreator)

Oh and, I wanted to thank Michael Shane for the photography. Love it!

Posted on Feb 22, 2013 | 12:34 PM (#145679129)

[Reply \(#\)](#)



[John Ryan Manning \(http://www.theverge.com/users/Ryan%20Manning\)](http://www.theverge.com/users/Ryan%20Manning)  
Video Director/Editor, The Verge

yeah mikey, those are some nice looking pics, BB!

Posted on Feb 22, 2013 | 12:40 PM (#145680565)

[Reply \(#\)](#)

[RobertJP \(http://www.theverge.com/users/RobertJP\)](http://www.theverge.com/users/RobertJP)

I am super excited that it is compatible with the iPhone. Now I can actually get it. :D

Posted on Feb 22, 2013 | 12:34 PM (#145679149)

[Reply \(#\)](#)



[Benjamin Crozat \(http://www.theverge.com/users/Benjamin%20Crozat\)](http://www.theverge.com/users/Benjamin%20Crozat)

Can't wait to watch porn on this thing.

Posted on Feb 22, 2013 | 12:35 PM (#145679447)

[Reply \(#\)](#)

[minsk \(http://www.theverge.com/users/minsk\)](http://www.theverge.com/users/minsk)

Watch? Don't you mean **make**? I doubt the viewing experience is that great on a 1" screen.

I just hope they put a really good HD camera in it that can make great photos, too.

Posted on Feb 22, 2013 | 12:38 PM (#145680121)

[Reply \(#\)](#)

[Reihnold \(http://www.theverge.com/users/Reihnold\)](http://www.theverge.com/users/Reihnold)

Google Glass is one of my most anticipated gadgets (and I am really skeptical about Google as a company, so that says a lot). The main problem I see is for people with hearing aids or Cochlear Implants (like myself). The external processor of a cochlear implant are quiet big and take almost every space behind the ear, so it might be difficult to wear hearing aids/external processors and Google Glass simultaneously. Until now, technology like mobile phones and the Internet were huge helps for the deaf and hearing impaired community. With Google Glass that might change...

Posted on Feb 22, 2013 | 12:36 PM (#145679705)

[Reply \(#\)](#)

[tobibreit \(http://www.theverge.com/users/tobibreit\)](http://www.theverge.com/users/tobibreit)

Pretty sure, Google knows about those kinds of things. They have smart people working at their company. The Glasses will get smaller and more compatible with other things people have on their faces and heads.

Posted on Feb 22, 2013 | 1:24 PM (#145689855)

Reply (#)



**Andrew Polidori** (<http://www.theverge.com/users/AndrewPolidori>)

Google glass might cause technology not to be a help for the hearing impaired?

Posted on Feb 23, 2013 | 2:32 PM (#145891953)

Reply (#)



**iamPAYNE** (<http://www.theverge.com/users/iamPAYNE>)

So can you make calls with this. There should be some way to integrate Bluetooth to make calls. And since it can make a video, does it use the current version of Google goggles so you can just look at something and say search current item and it does a search of what it sees. That would be sweet if you walk into a Best Buy look at a product and be able to price match over the internet. Then order it on the spot with google wallet and leave the store knowing you got what you wanted cheaper.

Posted on Feb 22, 2013 | 12:37 PM (#145679791)

Reply (#)



**Envious** (<http://www.theverge.com/users/Envious>)

It says in the article that it connects to your smartphone via bluetooth for data.

Posted on Feb 24, 2013 | 6:52 PM (#146141589)

Reply (#)



**JimboLodisC** (<http://www.theverge.com/users/JimboLodisC>)

The weirdest part about all of this... I'm wearing that exact same scarf right now.

Posted on Feb 22, 2013 | 12:37 PM (#145679803)

Reply (#)

**imd23** (<http://www.theverge.com/users/imd23>)

I can't believe how Google lunches it's products. Specially this.  
If they took a little from Apple on product secrecy and lunching, I think they would sell more than they will.

Posted on Feb 22, 2013 | 12:38 PM (#145680065)

Reply (#)



**chesterharry** (<http://www.theverge.com/users/chesterharry>)

They are getting tons of recognition for innovation by approaching it so openly. They are getting tons of free press on the device, and tech discussions about it. They are also a company that iterates rapidly, and are proud to offer improvements, and beta concepts.

Google should be more like Google and Apple should be more like Apple. There is no single way to do things.

Posted on Feb 22, 2013 | 12:46 PM (#145681695)

Reply (#)



**Andrew Polidori** (<http://www.theverge.com/users/AndrewPolidori>)

A valid point based on facts and cogent reasoning.

Posted on Feb 23, 2013 | 2:30 PM (#145891425)

Reply (#)

**ObviousNinja** (<http://www.theverge.com/users/ObviousNinja>)

This is a better use of my money then that new Chrome Retina Notebook.

Posted on Feb 22, 2013 | 12:38 PM (#145680137)

Reply (#)

**Tab25** (<http://www.theverge.com/users/Tab25>)

I'm don't care to be talking to my phone in public and I can't say I'd be any more thrilled walking around saying "ok glass." In the end, it's just a stripped down interface tied into your smartphone. I'd rather just grab my phone and not bother the people around me talking to my glasses.

Posted on Feb 22, 2013 | 12:39 PM (#145680291)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

It's tied to your smartphone for the internet connection, not for computing.

Posted on Feb 22, 2013 | 7:30 PM (#145761041)

[Reply \(#\)](#)

[ggabriele3 \(http://www.theverge.com/users/ggabriele3\)](http://www.theverge.com/users/ggabriele3)

I don't like how it currently looks, and I don't think that many will, but I want very badly for it to work.

Glass highlights probably the two biggest problems in consumer tech right now: **Battery Size & Capacity** and **Mobile Data Caps**.

It's basically the future-y tech we have dreamed about, limited only by battery technology and...AT&T.

Posted on Feb 22, 2013 | 12:39 PM (#145680303)

[Reply \(#\)](#)

[oflife \(http://www.theverge.com/users/oflife\)](http://www.theverge.com/users/oflife)

I don't see anything here that explains how this will appeal to those of us who don't wear glasses, don't want to wear glasses and of course, don't want to be recorded without knowing it.

Posted on Feb 22, 2013 | 12:40 PM (#145680493)

[Reply \(#\)](#)

[GoldenFluffo \(http://www.theverge.com/users/GoldenFluffo\)](http://www.theverge.com/users/GoldenFluffo)

If you don't want to wear glasses, I don't think glasses are for you.

Your objection is a bit like an Amish watching a car commercial and going: "Well I don't want a car, why isn't this commercial trying to sell cars to me, a person who will never, ever, buy a car?"

Posted on Feb 22, 2013 | 3:57 PM (#145725419)

[Reply \(#\)](#)



[Nightfall983 \(http://www.theverge.com/users/Nightfall983\)](http://www.theverge.com/users/Nightfall983)

I guess someone didn't like my cave joke...

Posted on Feb 22, 2013 | 4:03 PM (#145726877)

[Reply \(#\)](#)

[Gil0802 \(http://www.theverge.com/users/Gil0802\)](http://www.theverge.com/users/Gil0802)

I love it, the design is very innovative, the only thing that worries me is the consequences of using them every day, health, etc.

Posted on Feb 22, 2013 | 12:42 PM (#145681041)

[Reply \(#\)](#)



[dathrochon \(http://www.theverge.com/users/dathrochon\)](http://www.theverge.com/users/dathrochon)

wow thanks, good article. Was wondering what you would come up with during yesterday's hangout.

this is awesome, I can't wait.

Posted on Feb 22, 2013 | 12:44 PM (#145681331)

[Reply \(#\)](#)

[rchrdcrg \(http://www.theverge.com/users/rchrdcrg\)](http://www.theverge.com/users/rchrdcrg)

Dang Josh, you're pretty handsome without glasses on... you should consider LASIK... I had it done 12 years ago and went from legally blind to 20/20... easily the best thing I've ever done for myself... and I thought I looked weird without my glasses also until I got used to it. Trust me, man, ditching glasses is the way to go (with the exception of Google Glass, of course).

Posted on Feb 22, 2013 | 12:44 PM (#145681387)

[Reply \(#\)](#)



[Nightfall983 \(http://www.theverge.com/users/Nightfall983\)](http://www.theverge.com/users/Nightfall983)

Throws wallet at screen!

Posted on Feb 22, 2013 | 12:44 PM (#145681407)

[Reply \(#\)](#)

[Mike Evans \(http://www.theverge.com/users/Mike%20Evans\)](http://www.theverge.com/users/Mike%20Evans)

Can't wait for the Explorer edition to ship!

[vihri \(http://www.theverge.com/users/vihri\)](http://www.theverge.com/users/vihri)

Hey Josh, it's pretty amazing you got a chance to test Glass, congrats. It would be great if you could do one of those Q&A sessions like you used to do before, it seems like this is one device there will be a ton of questions about.

I find it a bit weird you don't speak much about Hangouts with Glass, but then again I'm somewhat disappointed Google didn't comment at all on the possibility of adding cellular connectivity and making this a truly independent device. You have mentioned you think Glass will be mostly good for spontaneous picture and video capture, but do you think this could evolve into a more social device with hangouts and messages? Did you test those features?

Do you think Google have figured out a way to monetize this? It seems unreasonable to have ads on such a small screen so it'd probably be expensive as hell with that 1.5K price tag. Hope you find the time to reply to those and thanks for a great article.

Posted on Feb 22, 2013 | 12:45 PM (#145681507)

Reply (#)

[chesterharry \(http://www.theverge.com/users/chesterharry\)](http://www.theverge.com/users/chesterharry)

It is monetized by contributing to their services model. Google Now is a huge part of Googles future. What they did for search they are doing for your life. If this helps Google Now and Google services become more useful to you then they are doing their job.

Posted on Feb 22, 2013 | 12:48 PM (#145682215)

Reply (#)

[vihri \(http://www.theverge.com/users/vihri\)](http://www.theverge.com/users/vihri)

True, but this doesn't really answer my question. If it was just about the ecosystem Google would not be selling a head-mounted camera on a shiny frame and a Wi-Fi chip for \$1,500, would it? Obviously, if the pricing stays for the final model, it is not just the services model. So I was wondering if someone in the know could chime in with their feelings about whether Google is indeed planning to launch the Glass at its high current price or sell it subsidized as the Nexus 4 for example.

Posted on Feb 22, 2013 | 1:10 PM (#145686837)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I heard they might have to strip down the consumer version a little bit. They'll probably subsidize some of the price as well.

Posted on Feb 22, 2013 | 3:14 PM (#145715105)

Reply (#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

These are currently being produced in very small volume, so probably much more expensive per unit to produce than when they start moving millions of units. In addition, they are not pricing them for the mass market, because they are not ready for the mass market.

I'd fully expect a much lower price.

Posted on Feb 22, 2013 | 7:32 PM (#145761519)

Reply (#)

[jackjohnson \(http://www.theverge.com/users/jackjohnson\)](http://www.theverge.com/users/jackjohnson)

I love the concept of wearable technology. And I love the concept of that wearable technology integrating a heads up display.

What I don't like about this is the design. Specifically, what I find strange is the asymmetry of Glass. As a species we are drawn to symmetrical people and objects.

Posted on Feb 22, 2013 | 12:45 PM (#145681643)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I think the asymmetry also makes it stick out.

Posted on Feb 22, 2013 | 3:18 PM (#145716155)

Reply (#)

 [web-shooters \(http://www.theverge.com/users/web-shooters\)](http://www.theverge.com/users/web-shooters)

On Josh they look full-fledged geeky. On Isabelle they look amazing. Just saying...

I'll echo the comment that it would be great to have two versions of these – one autonomous version with its own cell chip, and one slimmer “shell” version that would always need to be tethered but have insane amounts of battery life.

And for formal speeches, will these be acceptable for replacing a teleprompter? That would be an awesome app (especially if they scrolling text kept up with you via voice recognition).

Posted on Feb 22, 2013 | 12:45 PM (#145681653)

[Reply \(#\)](#)

[chrs \(http://www.theverge.com/users/chrs\)](http://www.theverge.com/users/chrs)

On Isabelle they do look amazing, but I think that's just Isabelle. She has ginger powers.

Posted on Feb 22, 2013 | 1:33 PM (#145691895)

[Reply \(#\)](#)



[cargath \(http://www.theverge.com/users/cargath\)](http://www.theverge.com/users/cargath)

On Josh they look full-fledged geeky. On Isabelle they look amazing. Just saying...

I was thinking the same thing, but you beat me to it. I don't think they look geeky on Josh, but since i'm studying computer science i've got to deal with a lot geekier people all the time, so i might be used to it. They look kinda crazy on Steve, because he has crazy eyes. They look cool on Isabelle. Of course that might be Isabelle not the glasses, but still. Could mean it's just a matter of making a version that fits the wearer. Just like regular glasses, a pair might look great on one person and stupid on another.

Posted on Feb 22, 2013 | 4:22 PM (#145730817)

[Reply \(#\)](#)

[SBStew \(http://www.theverge.com/users/SBStew\)](http://www.theverge.com/users/SBStew)

Imagine scenarios of law enforcement or intelligence agencies getting access to your Google Glass live view or something.... scary stuff.

Posted on Feb 22, 2013 | 12:46 PM (#145681701)

[Reply \(#\)](#)

[chrs \(http://www.theverge.com/users/chrs\)](http://www.theverge.com/users/chrs)

I'm very worried about privacy here, but at least one positive might be that the police will always know they are being filmed if you're wearing one.

Posted on Feb 22, 2013 | 1:57 PM (#145697505)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Imagine people being able to record the actions of law enforcement officials and keep them accountable....

Posted on Feb 22, 2013 | 3:20 PM (#145716715)

[Reply \(#\)](#)

[CameronN \(http://www.theverge.com/users/CameronN\)](http://www.theverge.com/users/CameronN)

A valiant effort, from an industrial designer's perspective. It seems we never learn the lessons of sci-fi though. Star Trek video games, robot dogs, ever more connectivity but more distracting and impersonal tech feeds. I still don't like this in principle.

Posted on Feb 22, 2013 | 12:46 PM (#145681851)

[Reply \(#\)](#)

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

even the reason for its existence is thin. We are impersonal due to technology but let's make more technology that now physically creates a barrier so that we can be more personal, virtually, but not really.

like, dude, lay off the Chrome Pixel and just talk to ppl and pay attention. i fail to see how technology that separates us more makes us more personal. it just makes us more self involved. notice how josh walks around like a zombie, minus the rotting flesh.

i guess for \$1500 we can get that kind of personal as well. they haven't made a use case. they haven't even developed its proposition. personally, i'm going to lump this in with Chrome Pixel, Q and now Glass as the dumpiest most useless tech of the last few years.

Posted on Feb 22, 2013 | 1:45 PM (#145694747)

Reply (#)

**[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)**

i fail to see how technology that separates us more makes us more personal.

Then you don't get it. Once people get used to the functions, it just blends in and you don't even think about it (at least that's the goal).

Posted on Feb 22, 2013 | 3:34 PM (#145720107)

Reply (#)

**[Dystopia \(http://www.theverge.com/users/Dystopia\)](http://www.theverge.com/users/Dystopia)**

Not buying it... Remind me too much of bluetooth earpieces that I see douchebag walking around talking to themselves

Posted on Feb 22, 2013 | 12:47 PM (#145681945)

Reply (#)

**[Jokool In Atl \(http://www.theverge.com/users/Jokool In Atl\)](http://www.theverge.com/users/Jokool In Atl)**

You hit the nail on the head!

Posted on Feb 22, 2013 | 12:58 PM (#145684273)

Reply (#)

**[MistaWondaBread \(http://www.theverge.com/users/MistaWondaBread\)](http://www.theverge.com/users/MistaWondaBread)**

Like people holding a phone up to their ear and walking around? The only difference is the Bluetooth douchebags have free hands.

Posted on Feb 22, 2013 | 2:01 PM (#145698353)

Reply (#)

**[naterecording \(http://www.theverge.com/users/naterecording\)](http://www.theverge.com/users/naterecording)**

If there's one person who can pull off wearing Glass, it's Josh.

Posted on Feb 22, 2013 | 12:48 PM (#145682109)

Reply (#)



**[Grimmjow \(http://www.theverge.com/users/Grimmjow\)](http://www.theverge.com/users/Grimmjow)**

I like narrative journalism.

Posted on Feb 22, 2013 | 12:48 PM (#145682291)

Reply (#)

**[cnr0 \(http://www.theverge.com/users/cnr0\)](http://www.theverge.com/users/cnr0)**

Thanks for a perfect article!

Honestly, I'm ready to pay. It feels like coming from future. I love the 'idea' and invest it.

Posted on Feb 22, 2013 | 12:49 PM (#145682531)

Reply (#)

**[Simantic \(http://www.theverge.com/users/Simantic\)](http://www.theverge.com/users/Simantic)**

Great article Josh! It really will be a ground-breaker, it's just a matter of time like you said. As a collector of frames, I'd love to see Google partner with Warby Parker or a local designer rather than submitting to the monolith that is Luxottica. It'd also keep prices lower I imagine.

Posted on Feb 22, 2013 | 12:53 PM (#145683375)

Reply (#)



**[crichton007 \(http://www.theverge.com/users/crichton007\)](http://www.theverge.com/users/crichton007)**

I'm not trying to stir anything up here but at least it looks like Google is trying to do something with their profits compared to Apple apparently hoarding the money and not putting any of it into things like developing competitive web services, fixing the Podcasts app, etc.

Posted on Feb 22, 2013 | 12:54 PM (#145683423)

Reply (#)



**[gkpm \(http://www.theverge.com/users/gkpm\)](http://www.theverge.com/users/gkpm)**

Apple is just more secretive with their stuff and doesn't go around hyping products that you can't actually



buy or use for many months.

Posted on Feb 22, 2013 | 12:57 PM (#145684213)

Reply (#)



[Webran61 \(http://www.theverge.com/users/Webran61\)](http://www.theverge.com/users/Webran61)

They certainly do leak lots of details to the WSJ and Bloomberg though for "not hyping products that you can't actually buy or use."

And they leave phones at bars on top of that.

Posted on Feb 22, 2013 | 1:00 PM (#145684703)

Reply (#)



[BranFlake30 \(http://www.theverge.com/users/BranFlake30\)](http://www.theverge.com/users/BranFlake30)

heyooooo

Posted on Feb 22, 2013 | 1:45 PM (#145694741)

Reply (#)

[CaenIX \(http://www.theverge.com/users/CaenIX\)](http://www.theverge.com/users/CaenIX)

This is one of the best articles I've ever seen on the Verge.

If this doesn't make you excited for technology, you need to check your pulse.

Posted on Feb 22, 2013 | 12:54 PM (#145683473)

Reply (#)

[sean\\_jensen \(http://www.theverge.com/users/sean\\_jensen\)](http://www.theverge.com/users/sean_jensen)

you have pretty eyes O\_o

Posted on Feb 22, 2013 | 12:54 PM (#145683501)

Reply (#)



[gkpm \(http://www.theverge.com/users/gkpm\)](http://www.theverge.com/users/gkpm)

So on Glass to Glass hangouts you will not see any of the persons wearing glass, just what they are seeing?

I foresee a market for a mirror accessory.

Posted on Feb 22, 2013 | 12:56 PM (#145683821)

Reply (#)

[Jokool\\_In\\_Atl \(http://www.theverge.com/users/Jokool\\_In\\_Atl\)](http://www.theverge.com/users/Jokool_In_Atl)

I apologize.....wait, no I dont. In my opinion, they just look stupid. I cant get by how stupid they look but that's just my opinion. I'm a google user/fan all the way but I wouldnt wear them at this point. Its similar to the feeling I get when I see someone walking around with a bluetooth earpiece in their ear. If you're not driving and you're walking around with a blue tooth ear piece in your ear, I'm here to tell you what your friends wont.....you look stupid.

Posted on Feb 22, 2013 | 12:57 PM (#145684163)

Reply (#)

[J\\_live \(http://www.theverge.com/users/J\\_live\)](http://www.theverge.com/users/J_live)

Am sorry, you are the stupid one my friend. And thanks for your contribution, now let those who are more interested in the technology not looks rejoice.

Posted on Feb 22, 2013 | 3:15 PM (#145715435)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

That's fine; just like BT devices, not for everyone, but as long as there's a market...

Posted on Feb 22, 2013 | 3:38 PM (#145721137)

Reply (#)



[onysi \(http://www.theverge.com/users/onysi\)](http://www.theverge.com/users/onysi)

is this 3G enabled? for 1500,itbetter have amazons whisper sync cuz im notpaying another monthly fee.

Posted on Feb 22, 2013 | 12:58 PM (#145684277)

Reply (#)

[ShAdOwXPR \(http://www.theverge.com/users/ShAdOwXPR\)](http://www.theverge.com/users/ShAdOwXPR)

Wifi will connects thou Bluetooth to android or iOS phone for connectivity. Again why 15000\$ for the developer kit when the hardware to run this is not high end?

Posted on Feb 22, 2013 | 1:06 PM (#145686041)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

To make sure that only developers who are serious buy it...

Posted on Feb 22, 2013 | 3:27 PM (#145718473)

[Reply \(#\)](#)

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

Why would they price it for the mass market when it's not ready yet? These are still prototypes.

Posted on Feb 22, 2013 | 7:34 PM (#145761977)

[Reply \(#\)](#)

[ShAdOwXPR \(http://www.theverge.com/users/ShAdOwXPR\)](http://www.theverge.com/users/ShAdOwXPR)

Very impressive I tough this was Vaporware but its coming. I wold love to have this portability and ease of use over looking down to a mobile phone but since it does not have lte and this is all mobile tech(arm processor with jiriscopes and a camera) why 1500\$ for the dev kit? I mean the hardware to run this is very basic. Does not need quad core or a tegra chip...

Posted on Feb 22, 2013 | 12:58 PM (#145684347)

[Reply \(#\)](#)



[jeff.edsell \(http://www.theverge.com/users/jeff.edsell\)](http://www.theverge.com/users/jeff.edsell)

Aw, man. I was *hugely* skeptical of this. but now...

Yeah. Now I want one. Dammit.

Posted on Feb 22, 2013 | 12:58 PM (#145684425)

[Reply \(#\)](#)



[DJFM \(http://www.theverge.com/users/DJFM\)](http://www.theverge.com/users/DJFM)

Amazing device, amazing article. Bravo.

Posted on Feb 22, 2013 | 12:59 PM (#145684493)

[Reply \(#\)](#)

[jpcarvalhinho \(http://www.theverge.com/users/jpcarvalhinho\)](http://www.theverge.com/users/jpcarvalhinho)

Mind blown

Posted on Feb 22, 2013 | 1:00 PM (#145684829)

[Reply \(#\)](#)



[jordan.mcrae \(http://www.theverge.com/users/jordan.mcrae\)](http://www.theverge.com/users/jordan.mcrae)

Absolutely blow away by this article! Amazing work!

Posted on Feb 22, 2013 | 1:01 PM (#145685055)

[Reply \(#\)](#)



**GebradenKip** (<http://www.theverge.com/users/GebradenKip>)



Posted on Feb 22, 2013 | 1:02 PM (#145685187)

[Reply \(#\)](#)



**munakib** (<http://www.theverge.com/users/munakib>)

Are you MAN ENOUGH?!

MachoMan Topolsky

Posted on Feb 22, 2013 | 1:13 PM (#145687341)

[Reply \(#\)](#)



**AGuyOnTheVerge** (<http://www.theverge.com/users/AGuyOnTheVerge>)

Maybe he should worry about the hair on his chest instead of the hair on his head during The Vergecasts...

Posted on Feb 22, 2013 | 1:25 PM (#145689947)

[Reply \(#\)](#)



**selfprofessedgeek** (<http://www.theverge.com/users/selfprofessedgeek>)

Moderator, The Verge

Don't worry, his chest hair is keeping him warm against the elements.

Posted on Feb 22, 2013 | 1:47 PM (#145695223)

[Reply \(#\)](#)

**RyanFromQA** (<http://www.theverge.com/users/RyanFromQA>)

I thought he was wearing a cashmere sweater under his button-down. I stand corrected.

Posted on Feb 22, 2013 | 4:53 PM (#145737269)

[Reply \(#\)](#)



**mrsbelpit** (<http://www.theverge.com/users/mrsbelpit>)

I'm due for new glasses next month. This article and video make we want to wait. GJ, the Verge.

Posted on Feb 22, 2013 | 1:04 PM (#145685511)

[Reply \(#\)](#)

**PhatFudge** (<http://www.theverge.com/users/PhatFudge>)

I was looking forward to Josh's secret article and I'm glad to say he did not disappoint. Love you guys! I've been with you since the beginning and I'm not going anywhere any time soon.

Posted on Feb 22, 2013 | 1:04 PM (#145685519)

[Reply \(#\)](#)



**jordanfox** (<http://www.theverge.com/users/jordanfox>)

I can't imagine the danger of using these while driving. Surprised nobody has mentioned this yet.

Posted on Feb 22, 2013 | 1:05 PM (#145685739)

[Reply \(#\)](#)

[epicmaster \(http://www.theverge.com/users/epicmaster\)](http://www.theverge.com/users/epicmaster)

Very little I would presume, compared to looking down at your phone or dashboard etc. this would cause less danger since you always have the road in very close proximity to the UI. In fact it may help with driving, see gas, speed etc. in the glass HUD, etc. no longer need to look away from the road.

Posted on Feb 22, 2013 | 1:06 PM (#145686059)

[Reply \(#\)](#)

[compliance \(http://www.theverge.com/users/compliance\)](http://www.theverge.com/users/compliance)

The heads up navigation is one of the killer features IMO. I'd love to drive with these. I hope Josh tries this out for his next update.

Posted on Feb 22, 2013 | 1:15 PM (#145687915)

[Reply \(#\)](#)

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

In addition, what is the one place that NOBODY feels silly wearing a bluetooth headset? Their car.

Posted on Feb 22, 2013 | 5:03 PM (#145738999)

[Reply \(#\)](#)

[draltazar \(http://www.theverge.com/users/draltazar\)](http://www.theverge.com/users/draltazar)

you aren't using your hand! it is similar to Bluetooth unit so nope it isn't more dangerous! you are still keeping an eye on the road!

Posted on Feb 22, 2013 | 1:17 PM (#145688321)

[Reply \(#\)](#)



[dezoris \(http://www.theverge.com/users/dezoris\)](http://www.theverge.com/users/dezoris)

They must be horribly detached from reality to think in the current form, the mass market would ever consider wearing these on their face. It's geek shit and that's putting it nicely.

Posted on Feb 22, 2013 | 1:06 PM (#145685997)

[Reply \(#\)](#)

[ShAdOwXPR \(http://www.theverge.com/users/ShAdOwXPR\)](http://www.theverge.com/users/ShAdOwXPR)

I use sun glasses all the time and most people do, wearing glasses is not a barrier IMHO

Posted on Feb 22, 2013 | 1:08 PM (#145686467)

[Reply \(#\)](#)



[dezoris \(http://www.theverge.com/users/dezoris\)](http://www.theverge.com/users/dezoris)

Project glass has the cool factor of walking around with a Bluetooth headset on your eyes. That's what will kill this project if they release it in current form.

Posted on Feb 22, 2013 | 1:13 PM (#145687347)

[Reply \(#\)](#)

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

Delicately stated.

Posted on Feb 22, 2013 | 5:04 PM (#145739199)

[Reply \(#\)](#)



[techbell \(http://www.theverge.com/users/techbell\)](http://www.theverge.com/users/techbell)

There isn't an attractive woman on the streets of Manhattan not freaked out that some guy is taking her picture with Glass.

Posted on Feb 22, 2013 | 1:07 PM (#145686231)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

You'd be surprised how many would pose for a picture...

Posted on Feb 22, 2013 | 3:43 PM (#145722097)

[Reply \(#\)](#)

[L Moulin \(http://www.theverge.com/users/L%20Moulin\)](http://www.theverge.com/users/L%20Moulin)

I am really curious about the optical setup.

What is the virtual image distance to the device or the eye ? What is the field of view ? What is the resolution ?

Posted on Feb 22, 2013 | 1:08 PM (#145686425)

Reply (#)



[lukatsch \(http://www.theverge.com/users/lukatsch\)](http://www.theverge.com/users/lukatsch)

Now THIS is innovation, HTC! Can't stand their dumb talk about innovation when all they do is make a better smartphone than their last one.

Looks like Google is the new innovator, and not Apple anymore. I'd say there have been three big device innovations in the last few years:

1. The invention and proper execution of the smartphone with the iPhone
2. The invention and proper execution of tablets with the iPad
3. The invention and proper execution of wearable tech with Google glasses

Posted on Feb 22, 2013 | 1:09 PM (#145686665)

Reply (#)



[Edensuko \(http://www.theverge.com/users/Edensuko\)](http://www.theverge.com/users/Edensuko)

Glass is yet to be something the masses use. I think it is an idea that needs to be tested on the marketplace, yes, but I'm not sure it is going to be the standard anytime soon.

Posted on Feb 22, 2013 | 1:17 PM (#145688351)

Reply (#)



[lukatsch \(http://www.theverge.com/users/lukatsch\)](http://www.theverge.com/users/lukatsch)

exactly. i wanted to type "3. The invention and proper execution of wearable tech with Google glasses?", but forgot the questionmark

Posted on Feb 22, 2013 | 1:33 PM (#145691803)

Reply (#)

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

glass has no apparent use. even its creatirs don have any idea what they are doing with it. this is about as innovative as the pet rock. at least pet rock inventor knew the reason and purpose of is product... a rock from the beach.

Posted on Feb 22, 2013 | 1:34 PM (#145692191)

Reply (#)



[lukatsch \(http://www.theverge.com/users/lukatsch\)](http://www.theverge.com/users/lukatsch)

this is not true. if you read the article you could see that there is indeed a real use for it. that's why people get excited about it after all, if it was just a niche product for nerds that had no chance for the mass market, not too many people would get excited about it

Posted on Feb 22, 2013 | 1:47 PM (#145695247)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Yeah, but the people getting excited about this are not real people...only ounkeo knows real people...

Posted on Feb 22, 2013 | 3:45 PM (#145722541)

Reply (#)

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

i know but these are pure geeks. aparently the Q was touted by geeks to have overwhelming potential. i can see this being useful in industry and a few select cases but not to the general public. it's about as useful as the Q is in reality.

Posted on Feb 22, 2013 | 5:21 PM (#145741947)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Not really. The Q was never pitched as a mass market device. In fact, a lot of us criticized why the same features couldn't be placed on Google TV.

Posted on Feb 24, 2013 | 10:30 PM (#146192441)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

If they (when they) open this up to developers, I'm sure we'll see thousands of possibilities.

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

also, wearable tech? google invented the wristwatch? even now, the wristwatch has glass beat in terms of purpose of function AND style.



[lukatsch \(http://www.theverge.com/users/lukatsch\)](http://www.theverge.com/users/lukatsch)

inventing for me means in this case (as my post tried to point out) also making it work so good and being so useful, that almost every person can take benefit of it, make their lives easier, better, whatever (even if that might just be an illusion that tech makes our lives better)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

the wristwatch has glass beat in terms of purpose of function AND style.

/facepalm

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

you can deny reality all you want. a nice watch beats any wearable tech for style. it also functions and has a purpose. it tells time. google glass? yeah, thought so.

[lamerz \(http://www.theverge.com/users/lamerz\)](http://www.theverge.com/users/lamerz)

FAIL.

[microlith \(http://www.theverge.com/users/microlith\)](http://www.theverge.com/users/microlith)

Style changes and shifts as time passes.

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Wow...you really DO think Glass doesn't tell time just as well. Thanks for the laughs.

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

the wristwatch...was reserved for women and considered more of a passing fad than a serious timepiece. Men, who carried pocket watches, were quoted as saying they would "sooner wear a skirt as wear a wristwatch"

Sound familiar?

Goes on...

This changed in World War I, when soldiers on the battlefield found pocket watches to be impractical and attached their watches to their wrist by a cupped leather strap.

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

yes i do. and back then, their definition of style was to wear the same thing as everyone else, smoke pipes and kept women in the kitchen.

they wouldn't know what style was/is. you also realise bluetooth earpieces are still not cool yes? a few really dense ppl do though just like how crocs will never be cool no matter who wears them.

i've said previously that the actual product is well designed, it just will never be stylish on a girl or a boy.

Posted on Feb 22, 2013 | 5:15 PM (#145741019)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

"kept women in the kitchen"? What does that have to do with style? Are you trying to infer that because they were sexists, they didn't know anything about style?

I see debating is not your forte.

Posted on Feb 24, 2013 | 10:38 PM (#146193939)

[Reply \(#\)](#)



[svucinic811 \(http://www.theverge.com/users/svucinic811\)](http://www.theverge.com/users/svucinic811)

I see this actually working.

Posted on Feb 22, 2013 | 1:09 PM (#145686709)

[Reply \(#\)](#)

[Gotapresent \(http://www.theverge.com/users/Gotapresent\)](http://www.theverge.com/users/Gotapresent)

There's no doubt this is the future, but I can't help but think that a voice-only interface isn't going to cut it as the only way to interact with the device. Even in the age of Siri I can't see it ever being socially acceptable for people to just randomly shout commands to their glasses in line at Starbucks or on a street corner. Not to mention there are plenty of times where you wouldn't even *want* to. What if you're trying to send a private text to someone? And how many of us have searched for things on Google that we'd rather other people didn't see?

One possible way to integrate an alternate interface into the glasses is to fit it with two displays, one for each eye. Using the same principle as how 3D glasses work, a slightly different image could be displayed into each eye (but without the headaches), giving the user the illusion of objects floating in 3D space in front of them. Then the cameras on the glasses could track your arms Kinect-style and allow you to touch and manipulate virtual interface objects in front of you.

Posted on Feb 22, 2013 | 1:10 PM (#145686777)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

Yeah, standing in line at Starbucks waving your arms around randomly is so much more acceptable than speaking...

Posted on Feb 22, 2013 | 3:31 PM (#145719259)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I don't think it's too far fetched to envision having hand gesture control integrated with the camera.

Posted on Feb 22, 2013 | 3:48 PM (#145723377)

[Reply \(#\)](#)

[ShAdOwXPR \(http://www.theverge.com/users/ShAdOwXPR\)](http://www.theverge.com/users/ShAdOwXPR)

Google glasses and Oculus rift are made possible by mobile phone hardware, what else is coming because of it?

Posted on Feb 22, 2013 | 1:11 PM (#145687115)

[Reply \(#\)](#)

[Giuseppe.M \(http://www.theverge.com/users/Giuseppe.M\)](http://www.theverge.com/users/Giuseppe.M)

I can't wait to try a pair of these out.

Posted on Feb 22, 2013 | 1:13 PM (#145687375)

[Reply \(#\)](#)

[lucasns \(http://www.theverge.com/users/lucasns\)](http://www.theverge.com/users/lucasns)

Despite the social awkwardness, there's plenty of possibilities: take pictures of the meals to control the calories,



interact with printed QR CODES (now they are just useless), take a picture of a book's page, interact with videogames in real time (it would be a really usefull second screen), interact with TV commercials (IF done right), make a "video diary", recording parts of each day, see emails and SMS, interact with showcases, and, of course, the inevitable adult movies recorded with this.

Posted on Feb 22, 2013 | 1:14 PM (#145687735)

Reply (#)



[LukaszWizla \(http://www.theverge.com/users/LukaszWizla\)](http://www.theverge.com/users/LukaszWizla)

Mind-blown

Posted on Feb 22, 2013 | 1:16 PM (#145687985)

Reply (#)



[LukaszWizla \(http://www.theverge.com/users/LukaszWizla\)](http://www.theverge.com/users/LukaszWizla)

This gif never gets old.



Posted on Feb 22, 2013 | 1:28 PM (#145690659)

Reply (#)



[1 Infinite Loop \(http://www.theverge.com/users/1%20Infinite%20Loop\)](http://www.theverge.com/users/1%20Infinite%20Loop)

But the feature everyone is going to go crazy with — and the feature you probably most want to use — is Glass' ability to take photos and video with a "you are there" view.

No.

I won't lie, it's amazingly powerful (and more than a little scary) to be able to just start recording video or snapping pictures with a couple of flicks of your finger or simple voice commands.

Like any smartphone...

Augmented reality glasses are a great idea. Google Glasses seems quite lame.

Posted on Feb 22, 2013 | 1:17 PM (#145688287)

Reply (#)

[Lucasmarmcomini \(http://www.theverge.com/users/Lucasmarmcomini\)](http://www.theverge.com/users/Lucasmarmcomini)

Most ridiculous comment ever

Posted on Feb 22, 2013 | 4:05 PM (#145727151)

Reply (#)



[1 Infinite Loop \(http://www.theverge.com/users/1%20Infinite%20Loop\)](http://www.theverge.com/users/1%20Infinite%20Loop)

Most ridiculous comment ever

Most ridiculous explanation ever.

I should leave it at that, but that's not me. So please tell me how everyone is going to go crazy over a video camera, which is what the Glass does. Not a special video camera. Not a video camera that's always recording what's happening, allowing you to save back a certain amount of time (my suggest from a day or so ago). But just a video camera. Tell me how that isn't a novelty? Tell me how that beats a smartphone after the novelty has worn off?

Posted on Feb 22, 2013 | 6:18 PM (#145750485)

Reply (#)

your username says everything about you

[codewisp \(http://www.theverge.com/users/codewisp\)](http://www.theverge.com/users/codewisp)

Posted on Feb 23, 2013 | 8:54 AM (#145845605)

[Reply \(#\)](#)

[jumpropejeremy \(http://www.theverge.com/users/jumpropejeremy\)](http://www.theverge.com/users/jumpropejeremy)

I get chills every time I watch the video. Thanks for this very in-depth article. #ifihadglass!

Posted on Feb 22, 2013 | 1:18 PM (#145688467)

[Reply \(#\)](#)

[rhansell \(http://www.theverge.com/users/rhansell\)](http://www.theverge.com/users/rhansell)

It's neat and all, but not truly a game changer. Once the HUD functionality can be integrated into contacts?

Then it's on.

There is going to be a pretty big backlash towards these once a few jerkoffs do some inappropriate filming and put it out on the Net. It will be on the Today Show/GMA and then some dim Congressman will introduce a bill to require lights and sounds when filming and it will just be a mess. And imagine all the folks who will end up like that guy in France at the McDonalds with the permanent cam that was assaulted. I don't see a happy ending here in the near term.

Posted on Feb 22, 2013 | 1:18 PM (#145688555)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

Its impossible for the eye to focus on something that is literally on its surface, try to look at your fingertips next time you put your contact lenses in.

Posted on Feb 22, 2013 | 3:33 PM (#145719807)

[Reply \(#\)](#)

[AluKed \(http://www.theverge.com/users/AluKed\)](http://www.theverge.com/users/AluKed)

Technically, you don't actually need to focus – you just need the light to be collimated, the images will form on the retina as if the were superimposed on infinity. That's how HUDs and the Glass work, actually – you wouldn't be able to focus on the Glass display, either, if it weren't using collimated light.

That said, I don't think we're anywhere near the tech that will make this possible in contacts.

Posted on Feb 22, 2013 | 4:38 PM (#145734293)

[Reply \(#\)](#)

[didibus \(http://www.theverge.com/users/didibus\)](http://www.theverge.com/users/didibus)

Also, on contacts, you would see blinking on the video it records.

Posted on Feb 22, 2013 | 4:59 PM (#145738341)

[Reply \(#\)](#)

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

I don't understand what you just said but I am fascinated by it. I wish there was something like a NOVA special on this.

Posted on Feb 22, 2013 | 5:11 PM (#145740375)

[Reply \(#\)](#)

[AluKed \(http://www.theverge.com/users/AluKed\)](http://www.theverge.com/users/AluKed)

It's especially cool since it has everything to do with lasers, and everyone knows lasers make everything better.

Posted on Feb 22, 2013 | 5:17 PM (#145741369)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

All that comes with new technology. Especially when it helps the common man.

Posted on Feb 22, 2013 | 3:54 PM (#145724735)

[Reply \(#\)](#)



[MarkDLeach \(http://www.theverge.com/users/MarkDLeach\)](http://www.theverge.com/users/MarkDLeach)

Why can't Josh's hair look this good for the verge cast?

Posted on Feb 22, 2013 | 1:18 PM (#145688593)

[Reply \(#\)](#)

[Edensuko \(http://www.theverge.com/users/Edensuko\)](http://www.theverge.com/users/Edensuko)



Great article. Seems promising but still not convinced on the glass, which looks really cool but I don't want to twist my eyes up while I am talking with someone or viceversa, looks really weird.

Posted on Feb 22, 2013 | 1:18 PM (#145688617)

[Reply \(#\)](#)



[Scape3d \(http://www.theverge.com/users/Scape3d\)](http://www.theverge.com/users/Scape3d)

Goddamn it. I love you, Verge.

Posted on Feb 22, 2013 | 1:18 PM (#145688627)

[Reply \(#\)](#)



[munakib \(http://www.theverge.com/users/munakib\)](http://www.theverge.com/users/munakib)

Reddit is polishing up their Upskirt Section as we speak...just imagine the daily input into that section.

Posted on Feb 22, 2013 | 1:18 PM (#145688651)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

How would a head mounted camera help with this?

Posted on Feb 22, 2013 | 3:33 PM (#145719935)

[Reply \(#\)](#)



[Danrarbc \(http://www.theverge.com/users/Danrarbc\)](http://www.theverge.com/users/Danrarbc)

Yeah that's a bizarre comment. To use this for that wouldn't you have to stick your head down there?  
Wouldn't that be a little obvious.

Now, if Nike was making a new pair of shoes called Smart Sneakers. With all of these features but using tactile feedback instead of a screen then it'd be good for that section on Reddit.

Posted on Feb 22, 2013 | 3:38 PM (#145720905)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Someone should tell them there are cameras you can install on your shoes instead of waiting to **wear smart glasses on your feet...**

...or maybe we shouldn't tell them.

Posted on Feb 22, 2013 | 3:58 PM (#145725739)

[Reply \(#\)](#)

[draltazar \(http://www.theverge.com/users/draltazar\)](http://www.theverge.com/users/draltazar)

true the look of the glass thing itself need work.but then this is a beta!i doubt the final product will look like this!but they needed unit working a year ago to test!and make adjustment!

Posted on Feb 22, 2013 | 1:19 PM (#145688845)

[Reply \(#\)](#)

[biged214 \(http://www.theverge.com/users/biged214\)](http://www.theverge.com/users/biged214)

The Porn industry is going to love these, talk about POV.

Posted on Feb 22, 2013 | 1:20 PM (#145688983)

[Reply \(#\)](#)

[ShAdOwXPR \(http://www.theverge.com/users/ShAdOwXPR\)](http://www.theverge.com/users/ShAdOwXPR)

Oculus rift is Porn gold actually, this is just a tiny display with connectivity so your phone stays in your pocket.

Posted on Feb 22, 2013 | 1:22 PM (#145689279)

[Reply \(#\)](#)

[biged214 \(http://www.theverge.com/users/biged214\)](http://www.theverge.com/users/biged214)

I mean more for recording video ;)

Posted on Feb 22, 2013 | 1:23 PM (#145689493)

[Reply \(#\)](#)

[ShAdOwXPR \(http://www.theverge.com/users/ShAdOwXPR\)](http://www.theverge.com/users/ShAdOwXPR)

Producing not consuming lol! Your right

Posted on Feb 22, 2013 | 1:31 PM (#145691443)

[Reply \(#\)](#)

[elian.gonzales \(http://www.theverge.com/users/elian.gonzales\)](http://www.theverge.com/users/elian.gonzales)

It is a new height of navel gazing for an already bloated, ethically challenged culture,  
Should sell big.

Posted on Feb 22, 2013 | 1:20 PM (#145689033)

[Reply \(#\)](#)

[hbarot \(http://www.theverge.com/users/hbarot\)](http://www.theverge.com/users/hbarot)

Wonderful write-up, makes me excited on the advent of augmented technologies. Keep up the good work.  
p.s. as loyal readers can we get some Verge stickers?

Posted on Feb 22, 2013 | 1:21 PM (#145689177)

[Reply \(#\)](#)



[selfprofessedgeek \(http://www.theverge.com/users/selfprofessedgeek\)](http://www.theverge.com/users/selfprofessedgeek)  
Moderator, The Verge

Stickers are coming. Patience is required. More to come soon. :)

Posted on Feb 22, 2013 | 1:38 PM (#145693221)

[Reply \(#\)](#)



[cgimusic \(http://www.theverge.com/users/cgimusic\)](http://www.theverge.com/users/cgimusic)

If the Glass made me look as awesome as Josh does in the first photo then I would buy it in an instant.

Posted on Feb 22, 2013 | 1:22 PM (#145689299)

[Reply \(#\)](#)



[mills0806 \(http://www.theverge.com/users/mills0806\)](http://www.theverge.com/users/mills0806)

Who cares about Rayban or other retail glasses and partnering deals. I like how Google said you just remove a screw and put in your pair of glasses. Just make it universal that what would be a great feature i would want. I wonder if they will make the Google Glass be able to send the pics to your phone or is someone called it would pop up on Google Glass.

Posted on Feb 22, 2013 | 1:22 PM (#145689413)

[Reply \(#\)](#)

[jwamin \(http://www.theverge.com/users/jwamin\)](http://www.theverge.com/users/jwamin)

Its a bluetooth headset for your eyes.

Posted on Feb 22, 2013 | 1:23 PM (#145689519)

[Reply \(#\)](#)



[AGuyOnTheVerge \(http://www.theverge.com/users/AGuyOnTheVerge\)](http://www.theverge.com/users/AGuyOnTheVerge)

It does seem like it. I was expecting a cellular radio built-in. Maybe Google isn't too keen on picking and choosing cellular radios at the moment. The Nexus 4 for example is essentially 3G (LTE in Canada and some T-Mobile).

Posted on Feb 22, 2013 | 1:29 PM (#145690949)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Price.

Posted on Feb 22, 2013 | 4:01 PM (#145726331)

[Reply \(#\)](#)



[ax13 \(http://www.theverge.com/users/ax13\)](http://www.theverge.com/users/ax13)

POV porn.

It had to be said.

Posted on Feb 22, 2013 | 1:25 PM (#145689911)

[Reply \(#\)](#)

[quick \(http://www.theverge.com/users/quick \)](http://www.theverge.com/users/quick)



Can't wait till this thing is released. Game changer no doubt. It's not much worse than people wearing Bluetooth earpieces.

The only challenge is that its mostly voice controlled. So walking around talking to your glasses, seems a bit worse than when you see people talking with a Bluetooth earpiece in their ears, they are at least talking to another human... Having people walking around saying "hey glass...", is kind of strange... maybe over time it will become "normal", but me personally I would always be waiting till no one is around or within earshot, to use it.

Posted on Feb 22, 2013 | 1:28 PM (#145690639)

Reply (#)



[Dado \(http://www.theverge.com/users/Dado\)](http://www.theverge.com/users/Dado)

In love with Verge and Google.

Heck I'm so jelly.

Posted on Feb 22, 2013 | 1:29 PM (#145690827)

Reply (#)

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

i suspected users would stare up a lot like they have downs syndrome.

josh, perhaps you haven't watched ur own video but ere's nothing natural about glass. everytime u wear it, you're staring up into thin air... in public.

Posted on Feb 22, 2013 | 1:30 PM (#145691235)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

It only takes proper positioning and some getting used to.

Posted on Feb 22, 2013 | 4:05 PM (#145727149)

Reply (#)

[s.murguia \(http://www.theverge.com/users/s.murguia\)](http://www.theverge.com/users/s.murguia)

[My Body Is Ready... \(http://s161.beta.photobucket.com/user/Celtic\\_Maiden/media/gifs/harrypotter-snapemybodyisready.gif.html\)](http://s161.beta.photobucket.com/user/Celtic_Maiden/media/gifs/harrypotter-snapemybodyisready.gif.html)

Posted on Feb 22, 2013 | 1:31 PM (#145691427)

Reply (#)

[Alessio \(http://www.theverge.com/users/Alessio\)](http://www.theverge.com/users/Alessio)

I would never wear those glasses.

Embed that technology in my wayfarers and i'm sold.

Posted on Feb 22, 2013 | 1:32 PM (#145691525)

Reply (#)



[SubMissionN \(http://www.theverge.com/users/SubMissionN\)](http://www.theverge.com/users/SubMissionN)

They made glasses for people who don't wear glasses with out modifying them to be glasses for those who need them. Whats up with that? will actually incorporate real frames?

Posted on Feb 22, 2013 | 1:32 PM (#145691535)

Reply (#)



[GoodTroll \(http://www.theverge.com/users/GoodTroll\)](http://www.theverge.com/users/GoodTroll)

It's a reference design. The guy said they very much want to work with partners to get these on normal glasses. Relax. If there's any sort of demand, frame makers will produce them.

Posted on Feb 22, 2013 | 1:41 PM (#145693835)

Reply (#)



[sigvoror \(http://www.theverge.com/users/sigvoror\)](http://www.theverge.com/users/sigvoror)

I cannot wait to see these IRL. I also cannot wait to have the disposable income to be able to pay \$1500 for a pair.

Posted on Feb 22, 2013 | 1:33 PM (#145691703)

Reply (#)



**mills0806** (<http://www.theverge.com/users/mills0806>)

But then he wouldn't look like a hipster.

Posted on Feb 22, 2013 | 1:36 PM (#145692585)

[Reply \(#\)](#)

**most\_uniQue** ([http://www.theverge.com/users/most\\_uniQue](http://www.theverge.com/users/most_uniQue))

Without his glasses, Josh looks like Sergey Brin. Get contacts Josh, i use them. They are not vain, they're handy!

Posted on Feb 22, 2013 | 1:33 PM (#145691773)

[Reply \(#\)](#)

**JotKali** (<http://www.theverge.com/users/JotKali>)

A watch and a pendent combo make more practical sense to me for day to day use vs Google Glasses.

It is incredible Google is creating this, that it even exists. For people already wearing glasses it makes perfect sense, would hardly be noticeable with something they need to wear all the time anyways. How about though for the majority of people who don't wear glasses.

In the write up Josh mentioned when it was amazing to use :

- take a photo or video
- call up information
- get google map directions
- get messages

Stuff that all of us do with our phones now, useful stuff. How long do we spend doing these actions? We take a smartphone out, check the info, and put it back into our pockets. So in a 16 hour day whats the actual 'stare at screen' use time. I'm going to guess 2 hours, its likely less. That's 12% of the day.

The glasses however in order to be useful are attached to your head all day. There is no 'put away in your pocket mode'.

It's laudable Google is trying to stick the entire concept into the Google Glasses, but I wonder if a more piecemeal approach would make more sense. Watch shows information, headphones talk back to you. A necklace or pendant like thing that takes pictures (the headphones can also attach to). This will let you take pictures on command, and give commands which then are processed by the phone and shown on the watch.

Posted on Feb 22, 2013 | 1:33 PM (#145691903)

[Reply \(#\)](#)

**Higher Living** (<http://www.theverge.com/users/Higher%20Living>)

Once all the hype wears off a bit, I think what you're saying could be right, for most people at least. Well, most people barely use the functionality of their smartphone anyway.

But if there's some great apps that integrate well with the Glass device, we might look back on these as a turning point.

Posted on Feb 22, 2013 | 3:37 PM (#145720837)

[Reply \(#\)](#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

For people already wearing glasses it makes perfect sense, would hardly be noticeable with something they need to wear all the time anyways. How about though for the majority of people who don't wear glasses.

What about them? If you refuse to wear this, then don't buy it. What's there to do?

Posted on Feb 22, 2013 | 5:34 PM (#145744007)

[Reply \(#\)](#)



**onysi** (<http://www.theverge.com/users/onysi>)

looks like a wearable mobilephone. gimmick

Posted on Feb 22, 2013 | 1:34 PM (#145692113)

[Reply \(#\)](#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

What's "gimmick" about a wearable mobilephone?

Posted on Feb 22, 2013 | 5:39 PM (#145744813)

Reply (#)

[ccook031 \(http://www.theverge.com/users/ccook031\)](http://www.theverge.com/users/ccook031)

Looks neat, but I would be super worried that these would get snatched off my face if I wore them outside.

Posted on Feb 22, 2013 | 1:35 PM (#145692317)

Reply (#)



[cendol \(http://www.theverge.com/users/cendol\)](http://www.theverge.com/users/cendol)

the solution is simple: Make Angry Birds Glass edition. Then people will remember, hey that thing is on angry bird, lol

Posted on Feb 22, 2013 | 1:36 PM (#145692601)

Reply (#)



[Chris McLaughlin \(http://www.theverge.com/users/Chris%20McLaughlin\)](http://www.theverge.com/users/Chris%20McLaughlin)

Thanks, Verge! This is an excellent piece.

Posted on Feb 22, 2013 | 1:37 PM (#145692783)

Reply (#)



[R. Walton \(http://www.theverge.com/users/R.%20Walton\)](http://www.theverge.com/users/R.%20Walton)

I think I'll just get the Oculus Rift and use it outside!

But kidding aside, this article really made me reconsider this thing. Can't wait for it to become normal!

Posted on Feb 22, 2013 | 1:37 PM (#145692823)

Reply (#)



[GoodTroll \(http://www.theverge.com/users/GoodTroll\)](http://www.theverge.com/users/GoodTroll)

Really love this idea, but I think early adopters are going to have to get used to this:



Posted on Feb 22, 2013 | 1:38 PM (#145693185)

Reply (#)



[MrAminal \(http://www.theverge.com/users/MrAminal\)](http://www.theverge.com/users/MrAminal)

To be honest, I think she is looking at the camera crew or more "Who's that guy they're filming?"

Posted on Feb 22, 2013 | 1:49 PM (#145695661)

Reply (#)

[Lynchenstein \(http://www.theverge.com/users/Lynchenstein\)](http://www.theverge.com/users/Lynchenstein)

No.

He is JUST. THAT. SEXY.



Posted on Feb 22, 2013 | 4:54 PM (#145737441)

Reply (#)



**OnTheVergeofSomethingMediocre**  
(<http://www.theverge.com/users/OnTheVergeofSomethingMediocre>)

I don't know what she's looking at...she's the odd one out. Everyone else in shot has Google Glass!

Posted on Feb 22, 2013 | 7:08 PM (#145757009)

Reply (#)

**Fri13** (<http://www.theverge.com/users/Fri13>)

I think it is the way how he keeps jacket closed.... I would ask "What he has to hide?" :-D

But why others than teens should know about tech? She might very well be a "über geek" or even working at Google wondering why Glasses are out...

Posted on Feb 25, 2013 | 5:18 AM (#146215829)

Reply (#)



**BRANDiD** (<http://www.theverge.com/users/BRANDiD>)

People are going to look at you weird when you have a film crew following you around. They also might look at you weird with this product on, but can't say for sure if she even noticed.

Posted on Feb 22, 2013 | 1:50 PM (#145696015)

Reply (#)



**GoodTroll** (<http://www.theverge.com/users/GoodTroll>)

If you watch the video, it seems she was looking at Josh, but who knows?

Posted on Feb 22, 2013 | 2:04 PM (#145699165)

Reply (#)

**Higher Living** (<http://www.theverge.com/users/Higher%20Living>)

He does look a bit like an assassin from the future in that screen cap...

Posted on Feb 22, 2013 | 3:39 PM (#145721147)

Reply (#)

**jclardy** (<http://www.theverge.com/users/jclardy>)

Yeah, especially with him adjusting his coat like that. Just has to locate his target first.

Posted on Feb 22, 2013 | 3:48 PM (#145723265)

Reply (#)

**iNoPhone** (<http://www.theverge.com/users/iNoPhone>)

The first thing came to mind was he emulated the Watch Dogs guy.

Posted on Feb 22, 2013 | 3:54 PM (#145724809)

Reply (#)



**korbermeister** (<http://www.theverge.com/users/korbermeister>)

he should've turned to look @ her and said, "PEW! PEW PEW PEW!"

Posted on Feb 22, 2013 | 6:21 PM (#145750915)

Reply (#)



**korbermeister** (<http://www.theverge.com/users/korbermeister>)

she thought the Borg invasion had commenced and no one told her, lol

Posted on Feb 22, 2013 | 6:19 PM (#145750621)

Reply (#)

**vmax007** (<http://www.theverge.com/users/vmax007>)

Amazing article !! Now to save \$1500 anyway!

Posted on Feb 22, 2013 | 1:39 PM (#145693371)

Reply (#)



**radderthanrad** (<http://www.theverge.com/users/radderthanrad>)

Great article. This looks awesome, but I see a backlash against this occurring, especially in Europe where Google has had to take down photos of publicly viewable properties photographed for Street View. I don't think

anyone has a right to privacy on public property and I think we should be allowed to film/photograph public officials, police officers, and anyone conducting their work in the public sphere. Maybe I'm a little bit of a nut, but if I want to take a picture of random things, people, etc while having a picnic at a public park, I don't think anyone has the right to stop me. Right now, it seems like a lot of people are overreacting to privacy concerns. Of course, I think that within my own home I don't want anyone violating my privacy, and I don't want my financial information stolen/used for nefarious purposes. The question is how far do we protect people's privacy before we are violating other people's liberties?

Posted on Feb 22, 2013 | 1:39 PM (#145693395)

Reply (#)



**korbermeister** (<http://www.theverge.com/users/korbermeister>)

well, *Europe* can decline their invitation to the future and instead bask in the glory of the status quo.

Posted on Feb 22, 2013 | 6:24 PM (#145751305)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

A backlash is to be expected with all new technologies. Eventually people find a way to strike a balance and most everyone is happy.

Posted on Feb 22, 2013 | 7:39 PM (#145762991)

Reply (#)



**tw** ([http://www.theverge.com/users/tw\\_](http://www.theverge.com/users/tw_))

What are you talking about? Google had to take down pictures of private property not public property. They also do this in the US but only for the super rich.

Also where is the connection to Glass?

Posted on Feb 23, 2013 | 10:28 AM (#145853135)

Reply (#)



**radderthanrad** (<http://www.theverge.com/users/radderthanrad>)

The view of someone's house from the road is not really private though so I personally think parts of Europe overreacted to Street View shots. So while the house is private, taking a picture from the road is not against the laws of the USA. The connection to Glass is the ability to take video or pictures of people in public without them knowing. Given the number of public officials being caught breaking the law, I think it's an important right to have.

Posted on Feb 23, 2013 | 5:19 PM (#145930889)

Reply (#)



**tw** ([http://www.theverge.com/users/tw\\_](http://www.theverge.com/users/tw_))

You always had this right in Europe and mixing this up with Google street view is totally misleading. The issue about pictures of private property in Google street view was not about taking the pictures in itself from public space but about that the pictures were made public world wide for commercial gain without the consent of the owners. Also some rich people (also in the US like for example Dick Cheney) feared to become easy prey for thieves, robbers or terrorists.

Same applies in Europe for pictures of people. In general you can take pictures of people in public without them knowing. In general you cannot take pictures of non public people in private space. In some European countries the definition of this is more narrow than in others. But what is always limited is the right to make these pictures public especially if it is for your own commercial gain without consent.

But there are some exemptions. News media can use them if it is news worthy. Also pictures of so called "public people" can always be made public. "Public people" are politicians, religious leaders, sportsmen, actors, TV celebrities, etc.. These people still have privacy rights. You cannot show them naked etc..

As for taking pictures of police men this is something in between. In most European countries it is legal. In some it was changed in connection with counter terrorism acts (I believe at least in the UK). Still in the US it is supposed to be legal but there are lots of cases where police detained people for this. Just google it.

So your fears are unfounded. While there are issues which need to be fixed Google Glass does not change anything of that in one way or the other. Hidden cameras are known since decades anyway.

Posted on Feb 24, 2013 | 9:13 AM (#146048065)

Reply (#)



**radderthanrad** (<http://www.theverge.com/users/radderthanrad>)

My fears aren't unfounded. This part is straight-up idiotic:

"The issue about pictures of private property in Google street view was not about taking the pictures in itself from public space but about that the pictures were made public world wide for commercial gain without the consent of the owners."

You shouldn't need consent from the owners of a house to post pictures of a house that is easily visible from the public streets. Who cares if someone uses it commercially? It's not like I deserve compensation from Google just because my house might appear on Street View or from some satellite shot on Maps. And I also disagree with "what is always limited is the right to make these pictures public especially if it is for your own commercial gain without consent."

Why take pictures at all if you are not allowed to share them publicly without consent?

I still contend that people are overreacting to concerns of privacy.

Posted on Feb 24, 2013 | 12:41 PM (#146069863)

[Reply \(#\)](#)

**Shabach!** (<http://www.theverge.com/users/Shabach!>)

All of the losers and pervs will now use this device to capture the image of every female they see – "Glass, take a picture", "Glass, take a picture"; "Glass, take a video", etc.

Posted on Feb 22, 2013 | 1:39 PM (#145693525)

[Reply \(#\)](#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

It doesn't look like a very covert way of snapping pictures. At least with this device you can tell if someone is taking pictures of you, because they literally tell you.

Posted on Feb 22, 2013 | 7:44 PM (#145764013)

[Reply \(#\)](#)



**tw\_** ([http://www.theverge.com/users/tw\\_](http://www.theverge.com/users/tw_))

Also you will get punched a lot or people will just snap it and run away. So much easier than stealing iPhones.

Posted on Feb 23, 2013 | 10:30 AM (#145853253)

[Reply \(#\)](#)



**Klaus Widraw** (<http://www.theverge.com/users/Klaus%20Widraw>)

This is so crazy.

Posted on Feb 22, 2013 | 1:40 PM (#145693689)

[Reply \(#\)](#)



**vergers** (<http://www.theverge.com/users/vergers>)

video is breaking on google glass, vsync required !

Posted on Feb 22, 2013 | 1:40 PM (#145693713)

[Reply \(#\)](#)



**Cafe Bambo** (<http://www.theverge.com/users/CafeBambo>)

This is pretty awesome stuff, Can't wait to try one.

Posted on Feb 22, 2013 | 1:42 PM (#145694071)

[Reply \(#\)](#)

**ebonyswan** (<http://www.theverge.com/users/ebonyswan>)

As a deaf person, i am tremendously excited about the possibility of real-time captioning using something like google glasses...

Posted on Feb 22, 2013 | 1:44 PM (#145694423)

[Reply \(#\)](#)



**Brian92610** (<http://www.theverge.com/users/Brian92610>)

I was just thinking that. It'd be amazing if they were able to pull that off.

Posted on Feb 22, 2013 | 1:54 PM (#145696833)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

If they can do speech recognition already, surely it's just a matter of someone making the right app?

Posted on Feb 22, 2013 | 3:40 PM (#145721435)

[Reply \(#\)](#)

[python2121 \(http://www.theverge.com/users/python2121\)](http://www.theverge.com/users/python2121)

I.....but.....wow. My mind was just blown with the most badass use case I have heard yet.

Posted on Feb 22, 2013 | 5:14 PM (#145740823)

[Reply \(#\)](#)



[sanfelice \(http://www.theverge.com/users/sanfelice\)](http://www.theverge.com/users/sanfelice)

Best article in the Verge's history.  
I want this so much.

Posted on Feb 22, 2013 | 1:44 PM (#145694437)

[Reply \(#\)](#)



[Apocalyptic0n3 \(http://www.theverge.com/users/Apocalyptic0n3\)](http://www.theverge.com/users/Apocalyptic0n3)

I really feel like this is the first truly revolutionary consumer product we have seen since the iPhone. If this works as it seems to work, and the price can come down, I could see this spreading like wild fire across the world.

Posted on Feb 22, 2013 | 1:45 PM (#145694797)

[Reply \(#\)](#)

[tobibreit \(http://www.theverge.com/users/tobibreit\)](http://www.theverge.com/users/tobibreit)

Tesla Model S, Google Glass....seems like this whole "future" thing is finally kicking off!

Posted on Feb 22, 2013 | 1:46 PM (#145694955)

[Reply \(#\)](#)

[facingabook \(http://www.theverge.com/users/facingabook\)](http://www.theverge.com/users/facingabook)

omg, why does everyone looks cock-eyed when they use it? They should call this product Googley eyes.

Posted on Feb 22, 2013 | 1:47 PM (#145695053)

[Reply \(#\)](#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

m'soft will as they turn green with envy

Posted on Feb 22, 2013 | 6:27 PM (#145751805)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Perhaps because people are still trying to figure out how to use it properly...

Posted on Feb 22, 2013 | 7:46 PM (#145764397)

[Reply \(#\)](#)

[AndrewYZ \(http://www.theverge.com/users/AndrewYZ\)](http://www.theverge.com/users/AndrewYZ)

This is the ultimate answer of why I love The Verge so much.  
I hope everyone that's interested in tech can read this piece.

Posted on Feb 22, 2013 | 1:47 PM (#145695271)

[Reply \(#\)](#)



[seanooo \(http://www.theverge.com/users/seanooo\)](http://www.theverge.com/users/seanooo)

dat chest hair

Posted on Feb 22, 2013 | 1:48 PM (#145695369)

[Reply \(#\)](#)

[Pierreism \(http://www.theverge.com/users/Pierreism\)](http://www.theverge.com/users/Pierreism)

Why are there still no pictures of what the UI actually looks like through glass!

Posted on Feb 22, 2013 | 1:48 PM (#145695459)

[Reply \(#\)](#)



**Danrarbc** (<http://www.theverge.com/users/Danrarbc>)

The YouTube video shows it pretty darn well. Josh says that's basically it.

Posted on Feb 22, 2013 | 1:49 PM (#145695633)

[Reply \(#\)](#)

**Pierreism** (<http://www.theverge.com/users/Pierreism>)

True. I'm just curious as to how the resolution + luminosity actually looks in real life. The pixel density, saturation levels too etc.

Posted on Feb 22, 2013 | 2:16 PM (#145701795)

[Reply \(#\)](#)



**JimboLodisC** (<http://www.theverge.com/users/JimboLodisC>)

I know, he shoulda just plugged his retina into the computer via Thunderbolt so he could show you.

Posted on Feb 22, 2013 | 2:51 PM (#145709469)

[Reply \(#\)](#)

**Pierreism** (<http://www.theverge.com/users/Pierreism>)

Or, y'know, just took a picture of the glass from the inside.

Posted on Feb 22, 2013 | 3:49 PM (#145723467)

[Reply \(#\)](#)

**olegfishel** (<http://www.theverge.com/users/olegfishel>)

There's a video. With the kids spinning and ice dancing and Tai translating. JTop said that it looks just like the video.

"Let me start by saying that using it is actually nearly identical to what the company showed off in its newest demo video."

Posted on Feb 22, 2013 | 1:49 PM (#145695751)

[Reply \(#\)](#)

**iPoots** (<http://www.theverge.com/users/iPoots>)

Dude, that is awesome. I don't see this overtaking phones quite yet, but maybe sometime in the future, maybe like ten years, maybe less; it will.

Posted on Feb 22, 2013 | 1:49 PM (#145695745)

[Reply \(#\)](#)

**olegfishel** (<http://www.theverge.com/users/olegfishel>)

WANT!!!!!!!

Posted on Feb 22, 2013 | 1:50 PM (#145695803)

[Reply \(#\)](#)

**sionus** (<http://www.theverge.com/users/sionus>)

Why am I getting eye-raped by your chest hair in every one of these pictures?

Posted on Feb 22, 2013 | 1:51 PM (#145696093)

[Reply \(#\)](#)

**Arturo\_B** ([http://www.theverge.com/users/Arturo\\_B](http://www.theverge.com/users/Arturo_B))

If Google could figure out a way to add subaudible commands to this thing it would be game over. They would be the biggest company in the World. They have to be working on this.

Posted on Feb 22, 2013 | 1:52 PM (#145696289)

[Reply \(#\)](#)



**Danrarbc** (<http://www.theverge.com/users/Danrarbc>)

If Google plays their *cards* right then they may have found something that'll be every bit as popular as their search engine. These are amazing and The Verge's video has me wanting to buy them RIGHT NOW.

Posted on Feb 22, 2013 | 1:52 PM (#145696319)

[Reply \(#\)](#)

**kyle.dickinson2** (<http://www.theverge.com/users/kyle.dickinson2>)

Just think about the possibilities this device contains. for diabetics, or joggers, or anyone wanting health stats. Imagine being able to see your pulse rate, O2 concentration, blood pressure, blood/glucose levels, and scores of other medical information on the fly. It could, in a very real way, detect variations that indicate heart attack,

or stroke, or anything else abnormal, MUCH faster than what we currently possess outside of a health facility.

Posted on Feb 22, 2013 | 1:53 PM (#145696623)

Reply (#)

[Eso \(http://www.theverge.com/users/Eso\)](http://www.theverge.com/users/Eso)

How could a pair of glasses do that... a smartwatch on the other hand...

Posted on Feb 22, 2013 | 5:03 PM (#145738987)

Reply (#)



[Paul Forgione \(http://www.theverge.com/users/PaulForgione\)](http://www.theverge.com/users/PaulForgione)

Yes, because the Glass couldn't communicate wirelessly with my insulin pump, blood glucose meter or Fitbit like they already do. Your iWatch though, would easily be able to do that. Because fanboy.

Posted on Feb 23, 2013 | 1:22 PM (#145876563)

Reply (#)

[Eso \(http://www.theverge.com/users/Eso\)](http://www.theverge.com/users/Eso)

You use an insulin pump and blood glucose meter "on the fly"? Doesn't Fitbit go around your wrist, like a... *watch*?

Posted on Feb 24, 2013 | 3:47 PM (#146104001)

Reply (#)



[Paul Forgione \(http://www.theverge.com/users/PaulForgione\)](http://www.theverge.com/users/PaulForgione)

Well considering I'm a diabetic, yes, I do use them on the fly. As in every day. And my fitbit goes in my pocket and I look at the information after it's downloaded either on my computer or phone.

Posted on Feb 24, 2013 | 4:49 PM (#146117811)

Reply (#)

[NMPhotog \(http://www.theverge.com/users/NMPhotog\)](http://www.theverge.com/users/NMPhotog)

Can't wait for the inevitable "Shattered Glass" face accidents on YouTube. If you can get most of the same functionality from a dorky Bluetooth headset and my phone, why dump it on my face? I want technology to be less noticeable, not perched over my nose.

May be the future for the McDonalds drive through window order takers though.

Posted on Feb 22, 2013 | 1:55 PM (#145697017)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Why would there be any "face accidents"? Unless you're prone to them already, in which case it's nothing caused by Glass.

As for why you would want Glass? Faster input/output of information. If you don't see the value of being more efficient, stick to old tech.

Posted on Feb 23, 2013 | 12:59 AM (#145829307)

Reply (#)

[NMPhotog \(http://www.theverge.com/users/NMPhotog\)](http://www.theverge.com/users/NMPhotog)

Just remember Star Trek TNG. They eventually took Geordi's glasses OFF.

The future is invisible tech, not one that hangs over your primary sensory organ.

Posted on Feb 23, 2013 | 2:36 AM (#145837667)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

So now we're confined to making technology the way Star Trek presented it?

Posted on Feb 24, 2013 | 10:45 PM (#146195323)

Reply (#)

[El\\_Juan \(http://www.theverge.com/users/El\\_Juan\)](http://www.theverge.com/users/El_Juan)

I'm just glad nobody tried to [rip it off his face \(http://www.theverge.com/2012/7/17/3164008/steve-mann-mcdonalds-assault-eyetap-digital-eye-glass\)](http://www.theverge.com/2012/7/17/3164008/steve-mann-mcdonalds-assault-eyetap-digital-eye-glass) .

Posted on Feb 22, 2013 | 1:57 PM (#145697509)

Reply (#)

[Reav30 \(http://www.theverge.com/users/Reav30\)](http://www.theverge.com/users/Reav30)

I don't see many people using this as a day to day item (at least not in the next 10 years). But from a professional prospective it could be really useful now. Point of view video sharing (hangouts) would solve a lot of real-time troubleshooting problems, esp with high tech items and health care. For example if an engineer is having problems installing a complicated system, just call tech support with google glass and they can see what you see instantly. Or maybe doctors can use this if they are having trouble diagnosing a patient say in LA they can "hangout" with a specilist in Europe via google glass and get help.

Posted on Feb 22, 2013 | 1:58 PM (#145697711)

Reply (#)

[low\\_tech \(http://www.theverge.com/users/low\\_tech\)](http://www.theverge.com/users/low_tech)

Amazing tech. I actually see this taking off as a device for ER doctors or EMS first responders where having your hands free is critical. I assume version 2.0 will allow you to choose which side you want the glass on. I have a friend who is legally blind in his right eye, so this would not work for him.

Posted on Feb 22, 2013 | 1:59 PM (#145698079)

Reply (#)



[MrAdelphi02 \(http://www.theverge.com/users/MrAdelphi02\)](http://www.theverge.com/users/MrAdelphi02)

Honestly, this is awesome.

The future is coming and it looks like Google is the one pushing the boundaries the most. Have to respect their innovation,



Posted on Feb 22, 2013 | 2:02 PM (#145698573)

Reply (#)

[AmbujL \(http://www.theverge.com/users/AmbujL\)](http://www.theverge.com/users/AmbujL)

The Verge, Your reporting is top-notch. There are only few times I have felt compelled to commend an article. Unsurprisingly its always been at Verge. There is something you guys are seriously doing right.

Techcrunch , who?

Posted on Feb 22, 2013 | 2:09 PM (#145700369)

Reply (#)

[craznoe \(http://www.theverge.com/users/craznoe\)](http://www.theverge.com/users/craznoe)

I jumped on the Windows Phone bandwagon. I really like my Lumia 920.

It's things like this that makes me regret my decision. I'd love to be an early adopter, but my WP8 device won't let me. So, I'll have my wife write a thank you note to Microsoft for how much money their unsupported software is saving our family.

weeps

Posted on Feb 22, 2013 | 2:10 PM (#145700483)

Reply (#)

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

unsupported software? i'm guessing you just recently bought the phone because it was only recently released. what kind of support are you expecting? even apple doesn't push out updates that often unless there's a critical bug. android...well, zero support. you can wait years and never get it.



Posted on Feb 22, 2013 | 4:50 PM (#145736643)

Reply (#)



[eyal.mann \(http://www.theverge.com/users/eyal.mann\)](http://www.theverge.com/users/eyal.mann)

Although the concept is really interesting and fresh, I can't help but feel that the Google Glass sounds like a hardcore gimmick. Remember the Segway? in theory, it was- and still it, a pretty good idea. In reality? people who own a Segway generally considered to be nerds. it's just the way it is. so what would people think about a person who has a futuristic-looking electronic device on their glasses? would they think he's socially-awkward? maybe. Only time will tell.

Posted on Feb 22, 2013 | 2:11 PM (#145700793)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

Only time will tell.

This. The technology looks exciting, but the use cases didn't convince me that I would ever consider wearing this. But, once you get developers on board, and let them play with the possibilities, then we'll see.

Posted on Feb 22, 2013 | 3:43 PM (#145722143)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Segways only solved one problem: inability/unwillingness to walk. And even then the money it cost to fix such an insignificant problem was not worth the squeeze. At least Glass solves multiple problems that, although minor on their own, make your mobile experience easier and more natural.

Posted on Feb 23, 2013 | 1:16 AM (#145832005)

Reply (#)



[jackaloppe \(http://www.theverge.com/users/jackaloppe\)](http://www.theverge.com/users/jackaloppe)

Boy, you look at least neat in the header photo!

Posted on Feb 22, 2013 | 2:12 PM (#145700949)

Reply (#)

[rustysocket \(http://www.theverge.com/users/rustysocket\)](http://www.theverge.com/users/rustysocket)

It seems like technology is finally reaching a point where it truly feels like we're *in* the future. As far as people saying that it will end up a niche product like the Segway or something, remember that all it will take is being able to integrate it into normal looking glasses.

Posted on Feb 22, 2013 | 2:17 PM (#145701909)

Reply (#)

[tyea \(http://www.theverge.com/users/tyea\)](http://www.theverge.com/users/tyea)

Countless times I've experienced poor drivers endangering me while riding my bicycle, or for that matter driving my car or motorbike. I can't wait to say "ok google glass, video record that @\$hole and send to 'Real Time News, Bad Drivers of the Day Clips'"

Posted on Feb 22, 2013 | 2:18 PM (#145702097)

Reply (#)

[Abraham89 \(http://www.theverge.com/users/Abraham89\)](http://www.theverge.com/users/Abraham89)

I cant help but think that this will be a hot items for thieves.

They will realize that the product is very expensive which in turn will cause them to want to steal them. Would not want a gun/knife put on me for a pair of these. (I understand they can steal anything you own, but these would be a novelty)

Yet, I do believe I would love to have a pair of these!

Posted on Feb 22, 2013 | 2:20 PM (#145702567)

Reply (#)

[max1001 \(http://www.theverge.com/users/max1001\)](http://www.theverge.com/users/max1001)

So are watches and jewelry.

Posted on Feb 22, 2013 | 2:26 PM (#145704041)

Reply (#)

[Abraham89 \(http://www.theverge.com/users/Abraham89\)](http://www.theverge.com/users/Abraham89)

Thats why I said, they can indeed steal anything you own.

But, for how long have watches and jewelry existed? If you read my comment, I stated that this would be a novelty. Meaning, its new, which makes it more desirable.

And it is not like your shinny new phone that you can put in your pocket and no one will see it. If you are out in the street, you will most likely wear Glass. This in turn, obviously, makes them highly visible and a possible target.

I am just saying, it scares me of what people might try to do in order to get them out of your face and into their thieving hands.

Posted on Feb 22, 2013 | 2:36 PM (#145706097)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

So I guess the answer is to just never buy anything expensive, or if you do buy a computer or smartphone just never take it outside your house and keep iron bars over all doors and windows?

Where do you live? Maybe you should move to somewhere with less crime?

Posted on Feb 22, 2013 | 3:45 PM (#145722609)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Use common sense. Just as with the iPhone when it was first released, don't use it if you're in a high crime area.

Posted on Feb 23, 2013 | 7:05 AM (#145842603)

[Reply \(#\)](#)

[KSulli \(http://www.theverge.com/users/KSulli\)](http://www.theverge.com/users/KSulli)

Only thing I noticed that threw me off. Mentioning twitter but omitting Googles own social media website when mentioning the application process for a Google device.

Posted on Feb 22, 2013 | 2:21 PM (#145702871)

[Reply \(#\)](#)

[moetownslick \(http://www.theverge.com/users/moetownslick\)](http://www.theverge.com/users/moetownslick)

lol i am 40, going on 41, but there are certain moments where i feel like such a kid...this is one of those moments. this can't come to market fast enough for me. i'm usually not an early adopter, but i am buying this DAY ONE (availability permitting, of course).

Posted on Feb 22, 2013 | 2:21 PM (#145702907)

[Reply \(#\)](#)



[KitF \(http://www.theverge.com/users/KitF\)](http://www.theverge.com/users/KitF)

I love how futuristic they look. I mean, sure, when only one person wearing them they look odd, but I can definitely see these on many faces in an "oh, it's the goddamn *future*" moment.

Posted on Feb 22, 2013 | 2:25 PM (#145703897)

[Reply \(#\)](#)

[hysonmb \(http://www.theverge.com/users/hysonmb\)](http://www.theverge.com/users/hysonmb)

That very last clip could be a scene from (80's *SciFi action movie*).

The Googlers are following closely, waiting for their chance to shove Josh into an ally, beat him, and recover their Glass.

Posted on Feb 22, 2013 | 2:26 PM (#145704103)

[Reply \(#\)](#)

[savagemike \(http://www.theverge.com/users/savagemike\)](http://www.theverge.com/users/savagemike)

The key to knowing which way to go when you come out of the subway is to note the direction the train is traveling on the platform and then keep track of any turns you make going up to ground level. That way you can relate your heading as you emerge on the street to the train's travel direction and understand your bearing. Something we all did for decades before smart phones and GPS came along at all.

Posted on Feb 22, 2013 | 2:29 PM (#145704693)

[Reply \(#\)](#)

[tna3021 \(http://www.theverge.com/users/tna3021\)](http://www.theverge.com/users/tna3021)

Google please do yourself a favor and make this exclusive to Android phones!

Posted on Feb 22, 2013 | 2:30 PM (#145704805)

Reply (#)

[Ollieollieollie \(http://www.theverge.com/users/Ollieollieollie\)](http://www.theverge.com/users/Ollieollieollie)

How on earth would that help a data company? They will want it everywhere if it's to be of any use to them.

Posted on Feb 22, 2013 | 2:38 PM (#145706593)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

They said it would work with iPhone...

Posted on Feb 22, 2013 | 3:46 PM (#145722797)

Reply (#)

[savagemike \(http://www.theverge.com/users/savagemike\)](http://www.theverge.com/users/savagemike)

I'm filing the patent right now to ad bio-feedback and use it to change the color on the fly – indicating mood, intensity of thought, confusion, or interest.

Posted on Feb 22, 2013 | 2:31 PM (#145705075)

Reply (#)

[greatestNothing \(http://www.theverge.com/users/greatestNothing\)](http://www.theverge.com/users/greatestNothing)

Can't wait until we access our subvoices.. This with silent mind commands would be amazing. One thing I'm curious about, and I'm asking instead of searching because most verge commenters are awesome.. Anyone know if there's been a study where they've implanted a microphone inside the eardrum? I mean I can hear myself talk, so why wouldn't a mic in my eardrum do the same thing?

Posted on Feb 22, 2013 | 2:31 PM (#145705211)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

What is a subvoice?

I think these use bone conducting microphones so you don't have to speak loudly. This is basically a better version of what you are suggesting.

Posted on Feb 22, 2013 | 3:47 PM (#145723139)

Reply (#)

[greatestNothing \(http://www.theverge.com/users/greatestNothing\)](http://www.theverge.com/users/greatestNothing)

Subvocalization. Like when you're reading, you hear the words in your head and when you're brainstorming you can talk to yourself about the problem. It's cool stuff. Also the bone conducting tidbits are for hearing external audio.. Which would go well with Glass because you're already tying up a portion of your site, regular in ear headphones would degrade another one of your senses.

Posted on Feb 22, 2013 | 7:45 PM (#145764233)

Reply (#)

[Quixote2961 \(http://www.theverge.com/users/Quixote2961\)](http://www.theverge.com/users/Quixote2961)

I wonder if Google ever thought of the possibility that – once it becomes common knowledge that this device basically records everything said and done around its wearer – the wearers become social pariahs? I can definitely see establishments posting "No Google Glasses permitted inside" signs on their doors.

Posted on Feb 22, 2013 | 2:36 PM (#145706053)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

I think in Japan you cannot disable the electronic camera click or beep sound on phones because of privacy concerns, maybe that will become more common?

Posted on Feb 22, 2013 | 3:48 PM (#145723385)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

First off, the device doesn't record everything all the time – just as with any camera, you have to activate it.

Second, this isn't an implant, this isn't permanently grafted to your head. If an establishment says "No cellphones inside", you check the phone at the door. Same with Glass.

Posted on Feb 23, 2013 | 7:22 AM (#145842877)

Reply (#)

[cfab98 \(http://www.theverge.com/users/cfab98\)](http://www.theverge.com/users/cfab98)

Human eye cannot feel any difference in 720p and 1080p and this resolution makes no sense. Moreover Google Chrome OS is a joke.

Posted on Feb 22, 2013 | 2:36 PM (#145706085)

[Reply \(#\)](#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

Hi, you must be lost.

Posted on Feb 22, 2013 | 2:48 PM (#145708917)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

Weird isn't it. One day a google story with nothing but hate and contempt, the next day nothing but love.

Posted on Feb 22, 2013 | 3:49 PM (#145723577)

[Reply \(#\)](#)



[LukaszWizla \(http://www.theverge.com/users/LukaszWizla\)](http://www.theverge.com/users/LukaszWizla)

I think that with more adoption Glass will become something normal and anybody would think about it like it's something weird on your face. It's like with headphones, they might have seemed weird at the begining but nowadays nobody cares.

Posted on Feb 22, 2013 | 2:36 PM (#145706109)

[Reply \(#\)](#)

[Ollieollieollie \(http://www.theverge.com/users/Ollieollieollie\)](http://www.theverge.com/users/Ollieollieollie)

I wonder if these will come with NFC to pair easily with your phone.

Also, I can't wait to see people banging their head against the till to pay for their groceries.

Posted on Feb 22, 2013 | 2:37 PM (#145706381)

[Reply \(#\)](#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

I'd rather have the cashier scan the barcode on my neck.

Posted on Feb 22, 2013 | 2:48 PM (#145708815)

[Reply \(#\)](#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

Bluetooth makes more sense, and that's what they use.

Posted on Feb 22, 2013 | 3:49 PM (#145723699)

[Reply \(#\)](#)

[kreativtek \(http://www.theverge.com/users/kreativtek\)](http://www.theverge.com/users/kreativtek)

To begin with, I admire Google for breaking a Chinese Wall of habits and traditions. Glass is something new and extraordinarily different and I am strongly convinced, that sooner or later it will have a strong impact on our lives. Mobile phones and other portable devices maybe become obsolete because of this rachity pair of unusual glasses.

However, there are two things that bug me. First of them was raised by an excellent point Mr Topolsky has made in the post: Google Glass make you self-concious. I believe it is not about other people staring at the wearer with surprise and curiosity in their eyes, but about safety. It's crystal clear that at 1500 dollars, Google Glass won't be a cheap gadget. It will certainly bring attention of thieves and people who'd do the user harm just to get it and use it or sell on the black market. And let's be honest, the danger is great as Google Glass is a pair of glasses that's not easy to hide. It just draw attention, both positive and negative.

The second point is sync and pairing the glasses with your mobile phone, which – at this very moment – kind of denies the point of existence of Google Glass. In order to receive text messages, calls, use navigation and voice search and especially data connection, there must be another device in your pocket. I know this might and will be fixed in the upcoming generations of Google Glass, but what concerns me at the moment is how will the data synchronisation between devices work? If I take a picture with the glasses, will it be automatically transferred to my phone memory? If not, what is the physical storage of a pair of Google Glass? If there is any, how to copy recorded videos and taken photos to my PC, smartphone or tablet? Does it have a USB connector? If so, what is its placement on this very thin and generally minimalistic band?

As for the glasses itself, I don't find it ugly. To me, it's beautiful... of course as any pair of glasses may be.

Posted on Feb 22, 2013 | 2:38 PM (#145706477)

Reply (#)

[Higher Living \(http://www.theverge.com/users/Higher%20Living\)](http://www.theverge.com/users/Higher%20Living)

I don't think they will cost \$1500 for consumers, that's just to get developers who are serious about it putting their money where their mouth is.

Posted on Feb 22, 2013 | 3:51 PM (#145724033)

Reply (#)

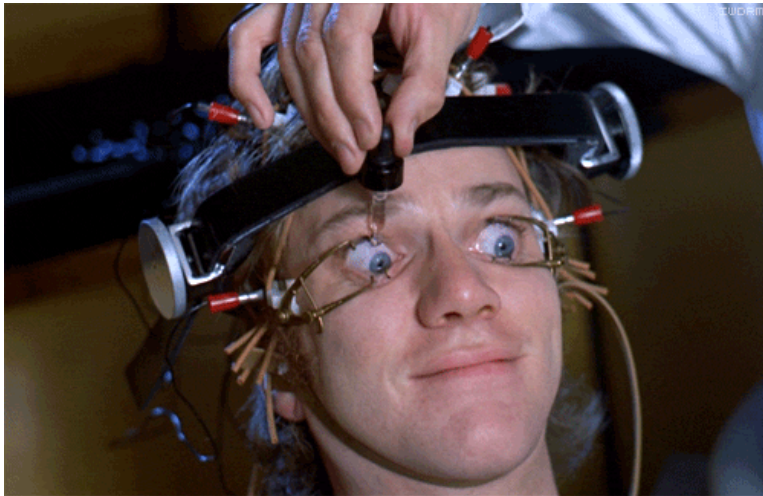
[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I think the self-consciousness he described in the article is definitely from people's curiosity, as this is a conspicuous device, but nobody really knows it costs 1500\$. With time (if it succeeds) people will come to know what it is, and legitimate concerns will be raised about becoming a target for thieves. As with any expensive device, don't use it in a high crime area. It doesn't need to be on your head 24/7.

Posted on Feb 23, 2013 | 7:43 AM (#145843281)

Reply (#)

[franovick \(http://www.theverge.com/users/franovick\)](http://www.theverge.com/users/franovick)



Posted on Feb 22, 2013 | 2:41 PM (#145707337)

Reply (#)

[treym \(http://www.theverge.com/users/treym\)](http://www.theverge.com/users/treym)

Lol wtf is that

Posted on Feb 23, 2013 | 6:24 PM (#145942517)

Reply (#)



[jimbonics \(http://www.theverge.com/users/jimbonics\)](http://www.theverge.com/users/jimbonics)

The best movie you've never seen.

Posted on Feb 24, 2013 | 12:13 PM (#146066689)

Reply (#)

[billnozick \(http://www.theverge.com/users/billnozick\)](http://www.theverge.com/users/billnozick)

Clockwork Orange

Posted on Feb 24, 2013 | 5:53 PM (#146130591)

Reply (#)

[massimo.buongiorno \(http://www.theverge.com/users/massimo.buongiorno\)](http://www.theverge.com/users/massimo.buongiorno)

OMG, "the black mirror" profecy comes true...i'm seriously scared!!

Posted on Feb 22, 2013 | 2:46 PM (#145708291)

Reply (#)

[simeon03 \(http://www.theverge.com/users/simeon03\)](http://www.theverge.com/users/simeon03)

Whats the background music in the video at the start?

Posted on Feb 22, 2013 | 2:46 PM (#145708371)

Reply (#)



[JimboLodisC \(http://www.theverge.com/users/JimboLodisC\)](http://www.theverge.com/users/JimboLodisC)

If I had a nickel for everyone that didn't read the article but commented anyways, I could afford a Google Glass for me and 3 friends.

Posted on Feb 22, 2013 | 2:47 PM (#145708623)

Reply (#)



[TChanaH \(http://www.theverge.com/users/TChanaH\)](http://www.theverge.com/users/TChanaH)

I never expected this! One step closer to the future. Yah it will blend right in and also create problems and social awkwardnesses at one point. And that's how new technology always does. Hope that will sort out in a good manner. More pro-social manner!

Posted on Feb 22, 2013 | 2:50 PM (#145709331)

Reply (#)

[steve.lam \(http://www.theverge.com/users/steve.lam\)](http://www.theverge.com/users/steve.lam)

i was an initial doubter but that video sold it super well.

Posted on Feb 22, 2013 | 2:53 PM (#145710015)

Reply (#)

[Alex Hampson \(http://www.theverge.com/users/Alex%20Hampson\)](http://www.theverge.com/users/Alex%20Hampson)

They are so cool.

Posted on Feb 22, 2013 | 2:56 PM (#145710721)

Reply (#)

[tw1n2nak3s \(http://www.theverge.com/users/tw1n2nak3s\)](http://www.theverge.com/users/tw1n2nak3s)

\$1500? that's one expensive unibrow. |:-)

Posted on Feb 22, 2013 | 2:56 PM (#145710731)

Reply (#)



[inshane \(http://www.theverge.com/users/inshane\)](http://www.theverge.com/users/inshane)

The guy from Google looks a bit cross-eyed. I wonder if wearing this Glass device for long periods of time will damage your vision.

Posted on Feb 22, 2013 | 2:58 PM (#145711269)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

LOL! Just like mom used to say...

Posted on Feb 23, 2013 | 7:51 AM (#145843451)

Reply (#)



[Greasy Taco Aficionado \(http://www.theverge.com/users/Greasy\\_Taco\\_Aficionado\)](http://www.theverge.com/users/Greasy_Taco_Aficionado)

Like a lot of consumers I'm wondering, how can TouchWiz or Sense improve on this. BlinkFeed in your face 24/7. hehheh

Posted on Feb 22, 2013 | 3:03 PM (#145712437)

Reply (#)

[robiszzzonked \(http://www.theverge.com/users/robiszzzonked\)](http://www.theverge.com/users/robiszzzonked)

I wonder what the legality of wearing these will driving. I imagine it will be strict; at least in the UK anyway.

Posted on Feb 22, 2013 | 3:04 PM (#145712613)

Reply (#)

[wraithien \(http://www.theverge.com/users/wraithien\)](http://www.theverge.com/users/wraithien)

With our government i expect a ban on them im sure theres something already in place.

Posted on Feb 22, 2013 | 3:12 PM (#145714773)

Reply (#)

[brucecampbell3 \(http://www.theverge.com/users/brucecampbell3\)](http://www.theverge.com/users/brucecampbell3)

I didn't see anybody bring this up yet, but what happens when the first person wearing Glass dies while driving into a ditch or walking in front of a bus? In many situations these seem awesome, but if you see a message pop up on the screen, how isn't that going to be a huge distraction? My eyes don't leave the road if my iPhone vibrates in my pocket. Can I help myself from looking at the notification if its right there? Seems like a discussion of safety missing.



**davidkerkes** (<http://www.theverge.com/users/davidkerkes>)

I know my phone is set to auto-respond to people with text while I'm driving (using Tasker), I can't imagine you won't be able to do something similar with these.

Posted on Feb 22, 2013 | 7:26 PM (#145760279)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

You missed a ton of discussions about this very subject right above you.

Cliff's version: This is no more distracting than a billboard on the side of the road, or a GPS notifying you to take a turn, or using the radio in the car.

Posted on Feb 23, 2013 | 7:58 AM (#145843613)

Reply (#)



**cdawg92** (<http://www.theverge.com/users/cdawg92>)

It's cool and all, but Josh is right – there is something terribly wrong with the fundamental way on how humans interact with society and technology. No one talks to anyone anymore, everyone is on their smartphones, checking Facebook, etc. Forever alone.

Posted on Feb 22, 2013 | 3:08 PM (#145713571)

Reply (#)

**brucecampbell3** (<http://www.theverge.com/users/brucecampbell3>)

They made it sound like Google Glass is less intrusive because you can be reading your text messages and emails while looking (but really just facing) someone. I don't see how this is any different. At least people know they are being ignored when someone is looking at their cellphone. Am I wrong to think that this product is slightly dishonest in that regard? This is all aside from some very cool tricks these Glasses DO indeed have the ability to do. I don't want to sound like this product isn't in many ways very cool.

Posted on Feb 22, 2013 | 3:12 PM (#145714527)

Reply (#)

**crunkfish** (<http://www.theverge.com/users/crunkfish>)

My thoughts exactly. That bit sounded like PR guff. I doubt it was really what inspired them to make the product.

Posted on Feb 22, 2013 | 3:52 PM (#145724363)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

The whole point is, having instant access to the information you have makes it easier and quicker to get back to your regular life, instead of fiddling with your pocket or your purse to find the phone for that one single notification that may just not be that important, in so breaking the train of activity you had.

Posted on Feb 23, 2013 | 8:07 AM (#145843847)

Reply (#)

**Eso** (<http://www.theverge.com/users/Eso>)

No one talks to "anyone" – like they've always done because those people are strangers.

Take the example the woman gave about the people waiting for the train and staring at their phones. "I don't want to be that person", as if they'd all be engaged in a conversation with one another otherwise. More like they'd all be awkwardly standing around doing nothing, because that's what people do around strangers.

The only time people strike up conversations with strangers is when they are attracted to them or there is some context for them to be together for a period of time, such as a convention, concert, party, etc. *Shockingly*, that still happens despite cellphones.

Posted on Feb 22, 2013 | 3:39 PM (#145721173)

Reply (#)

**carloons** (<http://www.theverge.com/users/carloons>)

Even though I agree people prefer to keep to themselves, there's a valid point to staring DOWN and immersing yourself in a screen pulls your attention away from casual contact that MIGHT happen if you were standing among strangers looking up and around. However, I don't buy her whole 'being that person' criticism. 1) you will be "that" person regardless of the device if that's the person you choose to be. And



you won't be that person regardless of your device if you choose not to be.

2) The notion that she would wear Glass and be able to still interact with data while appearing to be interacting with the world vs. those who stare down implies a measure of phoniness that people rarely find compelling as a decision-factor. because you still have to ignore your surroundings to focus on a display regardless of how close it is to your senses. It doesn't take much for my own thoughts to pull me into ignoring my surroundings, and those are much closer to my senses than Glass could ever be.

Posted on Feb 23, 2013 | 3:02 PM (#145898783)

[Reply \(#\)](#)

[Jimmy2Times \(http://www.theverge.com/users/Jimmy2Times\)](http://www.theverge.com/users/Jimmy2Times)

Articles like this are the reason I love The Verge so much, where else can you get this? It really is superb, great job.

Posted on Feb 22, 2013 | 3:09 PM (#145713901)

[Reply \(#\)](#)

[ChiefPotato \(http://www.theverge.com/users/ChiefPotato\)](http://www.theverge.com/users/ChiefPotato)

very very cool =)

And yeah, both as user and developer and user i soo want those like now =)

Sadly regarding the as developer side one can only apply if from US right now =(

Posted on Feb 22, 2013 | 3:10 PM (#145714057)

[Reply \(#\)](#)

[euklid81 \(http://www.theverge.com/users/euklid81\)](http://www.theverge.com/users/euklid81)

Pov porn galore!!

Posted on Feb 22, 2013 | 3:11 PM (#145714439)

[Reply \(#\)](#)

[wraithien \(http://www.theverge.com/users/wraithien\)](http://www.theverge.com/users/wraithien)

Get Oakley onboard for glasses and you have my money, I do truly believe Google are onto something quite incredible with Glass

Posted on Feb 22, 2013 | 3:12 PM (#145714571)

[Reply \(#\)](#)

[WaywardEq \(http://www.theverge.com/users/WaywardEq\)](http://www.theverge.com/users/WaywardEq)

He didn't ask for this.



Posted on Feb 22, 2013 | 3:12 PM (#145714615)

[Reply \(#\)](#)

[WaywardEq \(http://www.theverge.com/users/WaywardEq\)](http://www.theverge.com/users/WaywardEq)



Posted on Feb 22, 2013 | 3:17 PM (#145715903)

[Reply \(#\)](#)

[billnozick \(http://www.theverge.com/users/billnozick\)](http://www.theverge.com/users/billnozick)

HELL YA, but also, where's the ps4 game?

Posted on Feb 24, 2013 | 5:52 PM (#146130433)

[Reply \(#\)](#)

[Lawrence of Arabia \(http://www.theverge.com/users/Lawrence of Arabia\)](http://www.theverge.com/users/Lawrence_of_Arabia)

I'll bully anybody that wears them, ha

Posted on Feb 22, 2013 | 3:13 PM (#145714927)

[Reply \(#\)](#)



[Danrarbc \(http://www.theverge.com/users/Danrarbc\)](http://www.theverge.com/users/Danrarbc)

What a wonderful specimen of humanity you are.

Posted on Feb 22, 2013 | 3:24 PM (#145717607)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

As long as that person is shorter and physically weaker than you, right?

Posted on Feb 23, 2013 | 8:10 AM (#145843953)

[Reply \(#\)](#)

[Rocklee99 \(http://www.theverge.com/users/Rocklee99\)](http://www.theverge.com/users/Rocklee99)

Honestly they're nice, but, and I do understand they are first gen type starting products, I kind of figured it would be more than just the little square limited to the top right of your vision. I thought maybe they would be able to create images through out both eyes, like a full HUD display, and again, it's first gen, but hey, there's always the future to come

Posted on Feb 22, 2013 | 3:13 PM (#145714933)

[Reply \(#\)](#)



[Danrarbc \(http://www.theverge.com/users/Danrarbc\)](http://www.theverge.com/users/Danrarbc)

You figured one tiny one unit above one eye could fill your entire field of vision?

Posted on Feb 22, 2013 | 3:25 PM (#145717835)

[Reply \(#\)](#)

[Rocklee99 \(http://www.theverge.com/users/Rocklee99\)](http://www.theverge.com/users/Rocklee99)

no, but with like glasses, you project more of an image across like a screen, they had I guess a concept video of google glass last year that pretty much does what I'm saying

Posted on Feb 22, 2013 | 3:31 PM (#145719299)

[Reply \(#\)](#)

[Blackacex2 \(http://www.theverge.com/users/Blackacex2\)](http://www.theverge.com/users/Blackacex2)

This product is as niche as niche gets. I'd better good money on that.

Posted on Feb 22, 2013 | 3:15 PM (#145715389)

[Reply \(#\)](#)

[brucecampbell13 \(http://www.theverge.com/users/brucecampbell13\)](http://www.theverge.com/users/brucecampbell13)

Its bad when you see a picture of Sergey Brin wearing them and think, "Even that guy looks like a total weirdo and he's a multi-billionaire."

Posted on Feb 22, 2013 | 3:17 PM (#145715987)

[Reply \(#\)](#)

[JimmyVai \(http://www.theverge.com/users/JimmyVai\)](http://www.theverge.com/users/JimmyVai)

Amazing article! Feels like I should pay someone for reading this...

Posted on Feb 22, 2013 | 3:15 PM (#145715479)

[Reply \(#\)](#)

[scoobiesnacks \(http://www.theverge.com/users/scoobiesnacks\)](http://www.theverge.com/users/scoobiesnacks)

Is it just me that worries about getting mugged or run over whilst wearing these? A watch might be a better idea for google

Posted on Feb 22, 2013 | 3:18 PM (#145716297)

[Reply \(#\)](#)

[brucecampbell13 \(http://www.theverge.com/users/brucecampbell13\)](http://www.theverge.com/users/brucecampbell13)

They should have an advanced criminal detection system built-in. That would be some sweet future tech. But then cops would wear them, and nobody thinks cops are cool.

Posted on Feb 22, 2013 | 3:20 PM (#145716669)

[Reply \(#\)](#)

[Quixote2961 \(http://www.theverge.com/users/Quixote2961\)](http://www.theverge.com/users/Quixote2961)

Meh. Here's the real deal:

[http://www.rheinmetall-defence.com/en/rheinmetall\\_defence/public\\_relations/news/latest\\_news/details\\_3072.php](http://www.rheinmetall-defence.com/en/rheinmetall_defence/public_relations/news/latest_news/details_3072.php)  
([http://www.rheinmetall-defence.com/en/rheinmetall\\_defence/public\\_relations/news/latest\\_news/details\\_3072.php](http://www.rheinmetall-defence.com/en/rheinmetall_defence/public_relations/news/latest_news/details_3072.php))

Posted on Feb 22, 2013 | 3:23 PM (#145717301)

[Reply \(#\)](#)

[martin.missfeldt \(http://www.theverge.com/users/martin.missfeldt\)](http://www.theverge.com/users/martin.missfeldt)

I wrote an article about how it works in your eyes. It's german but if you see the images you will get it anyway :-)  
<http://www.brille-kaufen.org/google-brille/google-brille-technik-funktionsweise.php> (<http://www.brille-kaufen.org/google-brille/google-brille-technik-funktionsweise.php>)

Posted on Feb 22, 2013 | 3:25 PM (#145717905)

[Reply \(#\)](#)



[jimbonics \(http://www.theverge.com/users/jimbonics\)](http://www.theverge.com/users/jimbonics)

Pay to the order of Mr. Joshua Toplosky One dollar and NINE CENTS!



[snconnolly \(http://www.theverge.com/users/snconnolly\)](http://www.theverge.com/users/snconnolly)

Yes! I can't believe more people aren't afraid of this. That looks like major eye strain.

<http://pics.imcdb.org/0is685/jerkjaguaretype7.2319.jpg>  
(<http://pics.imcdb.org/0is685/jerkjaguaretype7.2319.jpg>)

Posted on Feb 22, 2013 | 4:21 PM (#145730507)

Reply (#)

[jonathan.hutter \(http://www.theverge.com/users/jonathan.hutter\)](http://www.theverge.com/users/jonathan.hutter)

The real misuse is when people are going to use this while driving, or in social settings when non-tech time is required. There's nothing wrong with being a geek. But being a lonely geek because you can't take these things off, that's bad. But you know it's going to happen.

Posted on Feb 22, 2013 | 3:28 PM (#145718509)

Reply (#)

[TheScientists \(http://www.theverge.com/users/TheScientists\)](http://www.theverge.com/users/TheScientists)

My primary use case for this....would be for driving. Instead of screwing around w/ my smartphone for GPS nav, responding to SMS, calls, etc., I would /love to know that I can keep my eyes on the road, and hands on the wheel at all times. I'm a road warrior, so the benefit of this is huge to me. For those who just do their daily short commute, maybe not such a big deal.

Posted on Feb 22, 2013 | 4:27 PM (#145731841)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Over time, people will learn to use these in a socially acceptable manner. Of course, there will always be jerks who don't care about anything socially acceptable.

Posted on Feb 23, 2013 | 8:20 AM (#145844225)

Reply (#)



[TheAmazingWJV \(http://www.theverge.com/users/TheAmazingWJV\)](http://www.theverge.com/users/TheAmazingWJV)

The year is 2013. I am reading the web news on my tablet about the latest in electronic eyewear.

Posted on Feb 22, 2013 | 3:31 PM (#145719329)

Reply (#)

[Eso \(http://www.theverge.com/users/Eso\)](http://www.theverge.com/users/Eso)

I am not convinced. I don't think people really want to wear battery powered glasses all day, and I think that the people that do (and talk to their glasses) will register higher on the D-bag meter than the people with Bluetooth sets in their ear.

Posted on Feb 22, 2013 | 3:31 PM (#145719481)

Reply (#)



[Danrarbc \(http://www.theverge.com/users/Danrarbc\)](http://www.theverge.com/users/Danrarbc)

In other news. I really don't think people will want to carry battery powered music players with speakers on their ears all day long. They'll really look like Dbags doing it.

Posted on Feb 22, 2013 | 3:34 PM (#145720165)

Reply (#)

[Eso \(http://www.theverge.com/users/Eso\)](http://www.theverge.com/users/Eso)

If you are trying to talk to a person and they keep their earbuds in, then yes, they do. Additionally, a "battery powered music player" is analogous to a cellphone in the same way that a bluetooth headset is analogous to google glasses. So no, comparing carrying around a PMP is not comparable to wearing google glasses.

Posted on Feb 22, 2013 | 3:42 PM (#145721989)

Reply (#)



[Danrarbc \(http://www.theverge.com/users/Danrarbc\)](http://www.theverge.com/users/Danrarbc)

So they're wireless earphones for your eyes.

Posted on Feb 22, 2013 | 3:47 PM (#145723123)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Where does it say you have to wear these all day? Right now you're just making up excuses.

Posted on Feb 23, 2013 | 8:27 AM (#145844411)

[Reply \(#\)](#)

[sweenish \(http://www.theverge.com/users/sweenish\)](http://www.theverge.com/users/sweenish)

your video player is a giant piece of butt.

Posted on Feb 22, 2013 | 3:34 PM (#145720013)

[Reply \(#\)](#)



[bananaoomarang \(http://www.theverge.com/users/bananaoomarang\)](http://www.theverge.com/users/bananaoomarang)

SO COOL. It'll take a while, but stuff like this WILL be mainstream and some point in the next 20 years.

Posted on Feb 22, 2013 | 3:36 PM (#145720599)

[Reply \(#\)](#)

[SoundEdSolutions \(http://www.theverge.com/users/SoundEdSolutions\)](http://www.theverge.com/users/SoundEdSolutions)

As a nurse informaticist working in medical devices my head is spinning on the potential applications in Medicine and Healthcare! Reduced infections in the Operating Room! Comparison of previous X-rays or endoscopic photos while they perform the operation! Integration with medical devices! A nurse looking at your abnormal EKG rhythm and seeing the alarm when they aren't in your room! Increasing patient safety while providing more efficient (and less expensive) care! I can't wait to be part of a project using the new technology!!!!!!!

Posted on Feb 22, 2013 | 3:42 PM (#145721841)

[Reply \(#\)](#)

[steelcore \(http://www.theverge.com/users/steelcore\)](http://www.theverge.com/users/steelcore)

Good luck, I wouldn't want to be in surgery when you compare xrays on such a tiny screen...

Posted on Feb 22, 2013 | 7:12 PM (#145757563)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

It's a high resolution screen. What matters is the field of vision it occupies, not the actual size of the screen itself.

Posted on Feb 23, 2013 | 8:37 AM (#145844763)

[Reply \(#\)](#)



[comi\\_lee \(http://www.theverge.com/users/comi\\_lee\)](http://www.theverge.com/users/comi_lee)

she is hot

Posted on Feb 22, 2013 | 3:42 PM (#145721857)

[Reply \(#\)](#)

[jclardy \(http://www.theverge.com/users/jclardy\)](http://www.theverge.com/users/jclardy)

So has Google done any studies on the effects of constantly looking up and to the right? Most people when looking at something use a combination of neck/head turning with slight eye movements. Looking at the last picture it seems that it is quite a distance to look at the Glass display...which I imagine isn't great for your eyes to be doing multiple times per hour...all the time.

But this still looks cool, it has a ways to go in terms of functionality though before I will wear them – for example: a much improved Google Goggles that will give me information on what I am looking at..whether it be something in a store or a landmark outside. Combining location+visual data should be able to give very accurate results for an augmented reality display for Goggles.

Posted on Feb 22, 2013 | 3:46 PM (#145722795)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

There are no ill effects from doing a motion repeatedly. Just like there are no ill effects from using your right foot to brake and accelerate a car. The human body is perfectly adaptable.

Posted on Feb 23, 2013 | 8:47 AM (#145845227)

[Reply \(#\)](#)

[crunkfish \(http://www.theverge.com/users/crunkfish\)](http://www.theverge.com/users/crunkfish)

Cool. Could be a huge game changer. But doesn't this kind of exacerbate the problem the Google people said

they were trying to solve? :/

Posted on Feb 22, 2013 | 3:49 PM (#145723601)

Reply (#)

[TheScientists \(http://www.theverge.com/users/TheScientists\)](http://www.theverge.com/users/TheScientists)

I don't think so. This keeps people much more in the moment w/ other people, but still gets them their digital-connection-fix. As it is now, w/ a smartphone, you pretty much have to completely dis-connect from the world around you to interact with your computing device. It's a very cold, dis-engaged action.

Posted on Feb 22, 2013 | 4:17 PM (#145729741)

Reply (#)

[crunkfish \(http://www.theverge.com/users/crunkfish\)](http://www.theverge.com/users/crunkfish)

Meh. It's just as little a disconnect to glance at a smartphone lock screen for any notifications as it is to focus on the glass notification. But you can at least ignore the phone, you can't ignore the glass pop-up.

To truly perform some sort of task on either is a choice and requires shifting your focus to that device. The only difference with glass and a smartphone is you don't need to look down at the thing in your hands, which at least sends the message you've momentarily disconnected – a signifier you don't get with glass.

Also, bear in mind that smartphones can be a social connector too – you can show people stuff on your screen. Glass envelops you entirely in your own world.

This isn't commentary on the quality of the device, just that particular angle Google's PR is taking with it.

Posted on Feb 22, 2013 | 4:52 PM (#145737091)

Reply (#)

[ounkeo \(http://www.theverge.com/users/ounkeo\)](http://www.theverge.com/users/ounkeo)

have you seen ppl wearing this and using it? they basically roll their eyes and have that glassy stare. this will NOT keep ppl in the moment. that's like saying listing to death metal with both my earbuds in while someone is talking to me engages us both to be closer. no. it doesnt. that's what is called willful ignorance at worse and wishful thinking at best.

Posted on Feb 22, 2013 | 4:57 PM (#145738083)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

The shots you see are of people TESTING the device; of course they're gonna be paying attention to it rather than anything else. They're going through all the features. They're not passively waiting for a notification, or waiting for a moment to take pictures as you would in a normal scenario.

Posted on Feb 23, 2013 | 4:15 PM (#145916535)

Reply (#)

[mikeyboom \(http://www.theverge.com/users/mikeyboom\)](http://www.theverge.com/users/mikeyboom)

Pretty awesome all the way through...

Posted on Feb 22, 2013 | 3:52 PM (#145724221)

Reply (#)

[J\\_live \(http://www.theverge.com/users/J\\_live\)](http://www.theverge.com/users/J_live)

Wow, still can't believe Google is pulling this off. Am so excited knowing that in 2013 I will be able to have a computer on my eyes... Who cares about how it looks ?am not a chick or a hipsters, I just love technology and will not pass on real innovation because of that. I bought the first iPhone when most did not even understand it, and am sure most will not understand what is about to happen soon.

Posted on Feb 22, 2013 | 3:52 PM (#145724327)

Reply (#)

[adacosta \(http://www.theverge.com/users/adacosta\)](http://www.theverge.com/users/adacosta)

Someone was trying too hard to look sexy in this article.

Posted on Feb 22, 2013 | 3:53 PM (#145724583)

Reply (#)

[JRMN \(http://www.theverge.com/users/JRMN\)](http://www.theverge.com/users/JRMN)

What's up with guys not wearing an undershirt under their dress shirts?!?! Come on Josh!!!

Posted on Feb 22, 2013 | 3:58 PM (#145725801)

Reply (#)

[Smurfuhrer \(http://www.theverge.com/users/Smurfuhrer\)](http://www.theverge.com/users/Smurfuhrer)

Geeks don't care if they look dumb.

Posted on Feb 22, 2013 | 3:59 PM (#145725905)

Reply (#)

[KPau \(http://www.theverge.com/users/KPau\)](http://www.theverge.com/users/KPau)

Wow!

I'm an Apple head but I can't wait to see this in the wild.

Posted on Feb 22, 2013 | 4:00 PM (#145726105)

Reply (#)

[nexu\\$ \(http://www.theverge.com/users/nexu\\$\)](http://www.theverge.com/users/nexu$)

This is real journalism. Thank you for this excellent piece.

Posted on Feb 22, 2013 | 4:05 PM (#145727189)

Reply (#)



[cargath \(http://www.theverge.com/users/cargath\)](http://www.theverge.com/users/cargath)

I don't get all this "why would i want to wear these in public?" in the article. I don't think they look odd. Actually they look pretty cool. That Steve guy might not be the best representative, because he has crazy eyes and makes Glass look nerdy, but they look normal on Josh and fashionable on Isabelle. I'd really want them, if there weren't a ton of other problems:

1. They need to be able to attach to all types of glasses. I don't care if they are working on version that accepts prescription lenses. Just go to a local optometrist. There are hundreds of frames to choose from. People who need prescription lenses are not going to start all wearing the same glasses.
2. I get that voice control is kinda the only viable option, but if everyone starts walking around talking to their glasses i'll be going insane.
3. Obviously the option to record people without them even noticing is creepy. Even more creepy is talking to someone wearing glasses without being able to tell if the person is recording you.

But the biggest question is, are people using Glass really going to be less distracted than people using a smartphone? Yes, the interface is right in front of you, but you're still not actually paying attention to the stuff that's going on behind / around the interface. Yes, you have faster access to your mobile computing device and are going to be done with whatever you want it do faster, but you're also even more likely to use it instead of paying attention, just because you can. It's really going to be interesting to find out how people will use these things.

Posted on Feb 22, 2013 | 4:06 PM (#145727383)

Reply (#)



[doctorwhofan98 \(http://www.theverge.com/users/doctorwhofan98\)](http://www.theverge.com/users/doctorwhofan98)

Good points made. I think a lot more people would be interested in Glass if it was an add-on to normal glasses rather than a completely new pair. And I never thought about the fact that people could be recording without others noticing. Longer battery life would be nice as well.

Posted on Feb 22, 2013 | 4:14 PM (#145729063)

Reply (#)

[nexu\\$ \(http://www.theverge.com/users/nexu\\$\)](http://www.theverge.com/users/nexu$)

Perhaps a good solution to the privacy issue would be to have a small blinking light while recording, and one blink for a picture. Something that isn't overwhelming, but enough to let someone know if you're invading their privacy.

Posted on Feb 22, 2013 | 4:16 PM (#145729573)

Reply (#)



[cargath \(http://www.theverge.com/users/cargath\)](http://www.theverge.com/users/cargath)

I think that's the best solution. Just like a phone that records a conversation is required to beep from time to time to tell the other person about the recording. At least here in Germany that's what phones do. Although i'm not sure if smartphones still do that.

Posted on Feb 22, 2013 | 4:29 PM (#145732241)

Reply (#)

[drwitwicki \(http://www.theverge.com/users/drwitwicki\)](http://www.theverge.com/users/drwitwicki)

I wish modern smartphones did that, I got stealth recorded once and was rather annoyed.

Posted on Feb 22, 2013 | 4:44 PM (#145735439)

Reply (#)





**dicobalt** (<http://www.theverge.com/users/dicobalt>)

I still don't get why they don't make it project directly into your eye.

Posted on Feb 22, 2013 | 4:08 PM (#145727949)

[Reply \(#\)](#)

**nexu\$** ([http://www.theverge.com/users/nexu\\$](http://www.theverge.com/users/nexu$))

Because that would be a constant distraction, which is what they're trying to prevent.

Posted on Feb 22, 2013 | 4:11 PM (#145728463)

[Reply \(#\)](#)



**dicobalt** (<http://www.theverge.com/users/dicobalt>)

Apache helicopter pilots use systems like that and they seem to handle it pretty well. The HUD on my games never distracts me, I only look at it when I care to. Not to mention you could set a transparency level to the image and make it almost invisible.

Posted on Feb 22, 2013 | 9:10 PM (#145783049)

[Reply \(#\)](#)

**TheScientists** (<http://www.theverge.com/users/TheScientists>)

Seriously?

Posted on Feb 22, 2013 | 4:11 PM (#145728575)

[Reply \(#\)](#)

**TheScientists** (<http://www.theverge.com/users/TheScientists>)

Even if I only ever used Glass while driving, it would be worth it to me.

In fact, that would probably be 95% of the time that I would use Glass.

Posted on Feb 22, 2013 | 4:09 PM (#145728157)

[Reply \(#\)](#)

**Spartan212** (<http://www.theverge.com/users/Spartan212>)

I want the frames to be able to change color, rather than have to keep switching them out. That would be very cool

Posted on Feb 22, 2013 | 4:10 PM (#145728381)

[Reply \(#\)](#)



**linuxlsrjd** (<http://www.theverge.com/users/linuxlsrjd>)

The blue and orange are nice, but they really need a nice lime green. That would be perfect. Whelp, got a year to save up =)

Posted on Feb 22, 2013 | 4:22 PM (#145730821)

[Reply \(#\)](#)



**alienfog** (<http://www.theverge.com/users/alienfog>)

Watched the "How it feels" video while listening to Pink Floyd "Wish You Were Here".

Hey Google, I see a huge ad campaign with that song. It works perfectly.

Posted on Feb 22, 2013 | 4:26 PM (#145731565)

[Reply \(#\)](#)



**xboomer** (<http://www.theverge.com/users/xboomer>)

I don't hear it :-)

Posted on Feb 22, 2013 | 4:37 PM (#145733901)

[Reply \(#\)](#)



**xboomer** (<http://www.theverge.com/users/xboomer>)

Run like hell (<http://www.youtube.com/watch?v=ZfUkFLfHSsE>)

Posted on Feb 22, 2013 | 4:58 PM (#145738181)

[Reply \(#\)](#)

**Jason Newstedt** (<http://www.theverge.com/users/Jason%20Newstedt>)

OK Glass: show me places to buy Google Glass.

Posted on Feb 22, 2013 | 4:28 PM (#145731879)

Reply (#)

**KittenAppreciatorUSA** (<http://www.theverge.com/users/KittenAppreciatorUSA>)

Solution looking for a problem.

Glorified, miniaturized helmet cam with a bluetooth earpiece. It'll be great for jumping off building for dumb PR stunts.

Posted on Feb 22, 2013 | 4:31 PM (#145732587)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

*OK, you want to google something suddenly but your hands are occupied or dirty.*

*Your friend calls, but your phone is on silent mode, so you miss it.*

*You need to send an important message, but you're trying to catch the bus. Do you stop to write it?*

*Or do you run? Or attempt to do both and hope you don't run into someone/something?*

*You want to take a shot or a video of something interesting or funny, but by the time you pull out your phone, it's gone.*

*You want to communicate with a foreign language person, but you're not an expert speaker.*

Plenty of people face at least one of those often. Still think it's a solution without a problem?

Posted on Feb 23, 2013 | 4:43 PM (#145923103)

Reply (#)

**Trippin'** (<http://www.theverge.com/users/Trippin'>)

Yes, but with a barrage of ads.

Posted on Feb 24, 2013 | 9:52 PM (#146184349)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

You think Google gets to where they are by making stupid decisions? Google won't sell a product and annoy people with ads.

Posted on Feb 24, 2013 | 10:51 PM (#146196349)

Reply (#)



**Mr. Resetti** (<http://www.theverge.com/users/Mr.%20Resetti>)

Okay, this is awesome.

The only thing I'm wondering is wouldn't it get kind of annoying to have that in your face all the time??

Posted on Feb 22, 2013 | 4:40 PM (#145734599)

Reply (#)

**drwitwicki** (<http://www.theverge.com/users/drwitwicki>)

Alright Josh, you've sold me on it.

Posted on Feb 22, 2013 | 4:42 PM (#145735139)

Reply (#)

**Narg** (<http://www.theverge.com/users/Narg>)

Who want's to guess the first city to ban these devices in certain placed. Like while DRIVING!!

I think we are still a ways away from being comfortable with 100% speech control of a computer, and the computer being comfortable with us....

Posted on Feb 22, 2013 | 4:49 PM (#145736501)

Reply (#)

**Eso** (<http://www.theverge.com/users/Eso>)

Computers will never be 100% controlled by speech, because it's completely stupid. The future is eye tracking and cognitive recognition (see the recent article about the chimp controlling a robot).

Ask yourself how would you rather interact with your computer: talk back and forth with it, or just look at something on the screen and activate it with your mind?

Posted on Feb 22, 2013 | 4:57 PM (#145738081)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Miami. I don't know if there's a more impressive collection of idiots anywhere in the US (or the world for that matter)

Posted on Feb 23, 2013 | 4:50 PM (#145924963)

[Reply \(#\)](#)

[architect005 \(http://www.theverge.com/users/architect005\)](http://www.theverge.com/users/architect005)

I'm really excited for this but the price is going to keep it from really going into the mainstream, I think. \$1500 is not cheap and the day glass starts selling in the \$400-\$800 it will be everywhere.

Posted on Feb 22, 2013 | 4:50 PM (#145736721)

[Reply \(#\)](#)

[nexu\\$ \(http://www.theverge.com/users/nexu\\$\)](http://www.theverge.com/users/nexu$)

Right now it's far more expensive because buying it is getting exclusive access to a product that people would kill to get and that won't be out for a while. By the time it's in stores it's likely to be far more affordable.

Posted on Feb 22, 2013 | 5:11 PM (#145740323)

[Reply \(#\)](#)

[doug.doug \(http://www.theverge.com/users/doug.doug\)](http://www.theverge.com/users/doug.doug)

The benefit of user perspective camera (hands free) with built ability to have text overlay.. there are definite use case..

1. Investigation of a a problem such as the famous issues of a cable guy trying to work on the outside box, where the guy is always calling back to "headquarters" about where they are suppose to connect too.
2. A medical procedure(s) being done with a remote connection (such as showing the wound or what not ) to others..
3. PORN — the whole POV of view now is well can be insane... Not only mention of two "non-porN" people are both wearing the Glass and see what the other is seeing..

Posted on Feb 22, 2013 | 4:52 PM (#145737229)

[Reply \(#\)](#)

[Take57 \(http://www.theverge.com/users/Take57\)](http://www.theverge.com/users/Take57)

Killer app for mechanics or repairmen. Tech manuals on demand and if the problem isn't covered in the book, snap an image and send it to a tech assist center for further help.

Posted on Feb 22, 2013 | 11:36 PM (#145816179)

[Reply \(#\)](#)

[pradafang \(http://www.theverge.com/users/pradafang\)](http://www.theverge.com/users/pradafang)

Man, you mention taking video of you ordering at Starbucks and stuff, yet you don't show it in your video? In fact, you show less than 5 seconds of video taken with google glass?

Posted on Feb 22, 2013 | 4:55 PM (#145737659)

[Reply \(#\)](#)



[cargath \(http://www.theverge.com/users/cargath\)](http://www.theverge.com/users/cargath)

They told him not to take video at Starbucks. He did it to prove a point, not to show the footage.

Posted on Feb 22, 2013 | 6:29 PM (#145751935)

[Reply \(#\)](#)



[awesometacoking \(http://www.theverge.com/users/awesometacoking\)](http://www.theverge.com/users/awesometacoking)

i cant wait to buy my pair!! im saving my money!!

Posted on Feb 22, 2013 | 5:03 PM (#145739079)

[Reply \(#\)](#)



[kevinivek \(http://www.theverge.com/users/kevinivek\)](http://www.theverge.com/users/kevinivek)

This makes people's eyes look weird.

Posted on Feb 22, 2013 | 5:03 PM (#145739103)

[Reply \(#\)](#)

[stkaye \(http://www.theverge.com/users/stkaye\)](http://www.theverge.com/users/stkaye)

Christ, imagine the potential for advertising revenue. This is a device that could passively scan for QR codes (or similar) and deliver contextual visual overlays to everyday street ads, shop fronts, tv commercials and posters.

Posted on Feb 22, 2013 | 5:07 PM (#145739709)

[Reply \(#\)](#)

[SuperPuppy \(http://www.theverge.com/users/SuperPuppy\)](http://www.theverge.com/users/SuperPuppy)

Fantastic piece guys. Love the amount of work you folks at the Verge bring to pieces like these.

Posted on Feb 22, 2013 | 5:09 PM (#145739943)

[Reply \(#\)](#)

[cacarr \(http://www.theverge.com/users/cacarr\)](http://www.theverge.com/users/cacarr)

I would like to see a photochromic sunglasses attachment by Serengeti. Wonder if polarization would mess up the HUD?

Posted on Feb 22, 2013 | 5:16 PM (#145741097)

[Reply \(#\)](#)



[jackamick \(http://www.theverge.com/users/jackamick\)](http://www.theverge.com/users/jackamick)

I'd buy a Glass if they came in a prescription blend.

Posted on Feb 22, 2013 | 5:17 PM (#145741231)

[Reply \(#\)](#)



[gregorian \(http://www.theverge.com/users/gregorian\)](http://www.theverge.com/users/gregorian)

I imagine a standard clip design to attach the Glass part. You buy frames that are "Ready For Glass".

Posted on Feb 22, 2013 | 6:55 PM (#145755083)

[Reply \(#\)](#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

Josh, your other eye, the one w/o the 'glass' in front of it looks lonely trying to stare at something it'll never see.

Posted on Feb 22, 2013 | 5:18 PM (#145741525)

[Reply \(#\)](#)



[Tinckerbel \(http://www.theverge.com/users/Tinckerbel\)](http://www.theverge.com/users/Tinckerbel)

Lonely? I bet that one is checking Isabelle out.

Posted on Feb 22, 2013 | 5:23 PM (#145742275)

[Reply \(#\)](#)



[korbermeister \(http://www.theverge.com/users/korbermeister\)](http://www.theverge.com/users/korbermeister)

only if she's floating, lol

Posted on Feb 22, 2013 | 5:55 PM (#145747321)

[Reply \(#\)](#)

[humanbulk \(http://www.theverge.com/users/humanbulk\)](http://www.theverge.com/users/humanbulk)



<http://memegenerator.net/Googleglass> (<http://memegenerator.net/Googleglass>)

Posted on Feb 22, 2013 | 5:21 PM (#145741979)

[Reply \(#\)](#)



[BC2009 \(http://www.theverge.com/users/BC2009\)](http://www.theverge.com/users/BC2009)

Great article Josh.

Posted on Feb 22, 2013 | 5:32 PM (#145743617)

[Reply \(#\)](#)



[floobie \(http://www.theverge.com/users/floobie\)](http://www.theverge.com/users/floobie)

I'm not totally opposed to the concept. But, there are a few things I don't like about it. They look pretty bulky, for one thing. And, stylistically... they're going to need a lot more variety. Time and the ever-increasing miniaturization of tech would solve both of those issues.

But, what I find particularly off-putting is the interface. It seems to rely rather heavily on verbal input. I was expecting some sleek eye-tracking or something, but that doesn't seem to be there. For that reason, I don't see this catching on to the extent they'd like it to, for the same reason you don't see people talking to Siri walking down the street or on the train. It's weird. No one wants to be the guy talking commands into his phone. For Siri and the like, I think it's acceptable. I don't feel weird about using Siri when I'm home alone. It works when it isn't weird, and I have other options when it is. But, for a product that's literally designed to sit on your head and do stuff whenever you have a whim of any sort... it needs a more subtle input method. The touchpad on the side could work for simple stuff. But, if you're supposed to be Googling things with it... I'm guessing that would fall short. To me, until an actual neural connection is possible (ie. think "Google \_\_\_\_\_", instead of saying it), it doesn't seem too appealing to me.

Of course, that depends entirely on how it's going to be used. As a simpler HUD... an extension of my phone that shows notifications, the time, or whatever information I want on it, you really don't need much of an interface. The touchpad on the side could be sufficient for that. And, really, if they can take that functionality, and cram it completely seamlessly into a pair of tortoise-shell wayfarer Raybans or something, I'm totally on board.

Posted on Feb 22, 2013 | 5:33 PM (#145743817)

[Reply \(#\)](#)



[votshtoy \(http://www.theverge.com/users/votshtoy\)](http://www.theverge.com/users/votshtoy)

If they could get it to track emotions, control could be even more natural.

It could then be set to record only your happiest moments, automatically. Call for police attention whenever you feel frightened. Select music or movies that you'll respond to best at that particular time.

Posted on Feb 22, 2013 | 5:51 PM (#145746573)

[Reply \(#\)](#)



[cargath \(http://www.theverge.com/users/cargath\)](http://www.theverge.com/users/cargath)

Call for police attention whenever you feel frightened.

Better not watch horror movies while wearing Glass then.

Posted on Feb 22, 2013 | 6:24 PM (#145751271)

Reply (#)

**ObviousNinja** (<http://www.theverge.com/users/ObviousNinja>)

What I am really curious about is battery life? How good is it?

oh and the number of cleavage videos are going to increase exponentially!!!

Posted on Feb 22, 2013 | 5:56 PM (#145747491)

Reply (#)



**Whispy Snippet** (<http://www.theverge.com/users/Whispy%20Snippet>)

This is incredibly exciting. Our world is transforming at a startling rate.

Posted on Feb 22, 2013 | 6:03 PM (#145748543)

Reply (#)



**xboomer** (<http://www.theverge.com/users/xboomer>)

I'll check back in a year...

Posted on Feb 22, 2013 | 6:04 PM (#145748669)

Reply (#)

**Ducksbane** (<http://www.theverge.com/users/Ducksbane>)

I've read some of your comments and I have to say ... WTF is wrong with you people!

Can't any of you nerds get the huge privacy problems this is going to create. It's so typical of Google which is filled with engineers, but doesn't have anyone with any common sense.

How do you think "real" people are going to feel about you walking into their houses, change rooms, along the street when they know you might (or might not) be recording them. Even little practical things like people who mightn't want to be photographed where they are doing what they are doing . I imagine some of you are going to get your fancy google glasses ripped of your childish heads and rammed up your stupid arse when some people work out what your wearing.

Then there are all the cultural sensitivities about capturing people's images ... obviously no one has really thought about this.

And of course you can get really paranoid and point out that if you think Google knows all about you now, wait until you start wearing this. Also I can see blackmail scams, Government and police warrants ... the list of potential problems is just massive.

Enjoy your toys children.

Posted on Feb 22, 2013 | 6:06 PM (#145748873)

Reply (#)



**tdance** (<http://www.theverge.com/users/tdance>)

These will most likely end up causing so many more problems with events, movies and travel too. They will be illegal to wear driving, banned from cinemas (and now they will have to check your glasses), banned from concerts and the list goes on.

I hope the only people using these are the extreme sports types. Watching skateboarding, parkour, etc would be pretty cool.

Posted on Feb 23, 2013 | 1:32 AM (#145833767)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

Oh, we will enjoy our toys. You go ahead and do your best spreading the same faux outrage that followed the creation of smartphones equipped with cameras. The rest of the "real" people will go on not caring much in the same way.

Do you seriously think most **sane** people will attack a total stranger out on the street because he **thinks** he might be recording him in public? I think that's more of a reflection of your own internal issues than those of the majority, in which case I totally welcome your attempt to rip it off my face so we can ask the judge what he thinks about assault and your self bestowed public space privacy. Try to do some research on "street photography"...you'll see how little people really care that a stranger is taking pictures of them in public. In

short, stop acting like you know “real” people.

Enjoy your life, old man.

Posted on Feb 24, 2013 | 1:04 AM (#146033007)

Reply (#)



**PredictionBoom** (<http://www.theverge.com/users/PredictionBoom>)

Google aside, i can't get over how rockstar this picture is. It looks like a backstage shot of the 2033 equivalent to 1976 David Bowie. Or what Prince would look like if he'd acknowledge the existence of the internet.

*“Mr. Topolsky, the audience is now ready.” – “No. I tell them when they are ready.”*



Posted on Feb 22, 2013 | 6:08 PM (#145749097)

Reply (#)



**korbermeister** (<http://www.theverge.com/users/korbermeister>)



Posted on Feb 22, 2013 | 6:16 PM (#145750201)

Reply (#)

**belltillman** (<http://www.theverge.com/users/belltillman>)

I'm SO ready to throw my cash at google to get my hands on a pair of these! I'm so serious though..

Posted on Feb 22, 2013 | 6:22 PM (#145751051)

Reply (#)



[Tyler-Intek \(http://www.theverge.com/users/Tyler-Intek\)](http://www.theverge.com/users/Tyler-Intek)

I'll buy it when it gets to the point that they don't cost more than a smartphone and when they're just a little bulkier than regular glasses.

Posted on Feb 22, 2013 | 6:25 PM (#145751435)

[Reply \(#\)](#)

[scottkrk \(http://www.theverge.com/users/scottkrk\)](http://www.theverge.com/users/scottkrk)

My take is GG definitely crosses the 'creepy line'.

I doubt consumers will want a product that looks like a security/spying device, the basic problem is you can never totally get rid of the camera/display.

Hint, the camera and display need to go somewhere other than the face.....

Google has mountains of money so they can afford to do research and reuse the technology elsewhere. In would be a good PR exercise for Google to provide GG to first responders for free and in the longer term GG is a good product for the security industry.

PS Another good spin-off is Josh now looks like he is being Styled professionally!

Posted on Feb 22, 2013 | 6:41 PM (#145753283)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

People hardly know what Glass is, much less what it does. By the time they understand it's functions (beyond recording), they'll see it as a personal assistant, rather than a spy cam.

Posted on Feb 24, 2013 | 1:12 AM (#146033773)

[Reply \(#\)](#)

[XP4Evr \(http://www.theverge.com/users/XP4Evr\)](http://www.theverge.com/users/XP4Evr)

I really am not impressed by glass thus far...a fancy camera that looks like a fashion statement...How is this useful? Connect this with biometric data and now we have something

Posted on Feb 22, 2013 | 6:44 PM (#145753685)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Glass does so much more than just recording; did you not read?

Posted on Feb 24, 2013 | 1:14 AM (#146033879)

[Reply \(#\)](#)



[gregorian \(http://www.theverge.com/users/gregorian\)](http://www.theverge.com/users/gregorian)

Do you think Eric Schmitt is sitting depressed in his office, sending bitter emails to Sergey Brin . "You get raving praise heaped on your stuff, but they laugh and mock my project. So unfair."

Posted on Feb 22, 2013 | 6:52 PM (#145754709)

[Reply \(#\)](#)



[terheyden \(http://www.theverge.com/users/terheyden\)](http://www.theverge.com/users/terheyden)

Google Glass's success will be entirely dependent on its voice recognition capabilities. I don't know about you guys, but the VR success ratio on my android phone, in a quiet room, is not so good.

Posted on Feb 22, 2013 | 6:58 PM (#145755481)

[Reply \(#\)](#)

[aL3x22 \(http://www.theverge.com/users/aL3x22\)](http://www.theverge.com/users/aL3x22)

Jizz in pants.... now commencing!

Posted on Feb 22, 2013 | 6:58 PM (#145755557)

[Reply \(#\)](#)

[Mundane \(http://www.theverge.com/users/Mundane\)](http://www.theverge.com/users/Mundane)

You should go see a urologist and get that checked out.

Posted on Feb 22, 2013 | 7:26 PM (#145760151)

[Reply \(#\)](#)

[tds31 \(http://www.theverge.com/users/tds31\)](http://www.theverge.com/users/tds31)

"but this might not be that great at a dinner party, or on a date, or watching a movie. In fact, it could make

those situations very awkward, or at the least, change them in ways you might not like.” – its kinda like wearing a bluetooth headset in the same situations...very awkward and most people would remove them.

Posted on Feb 22, 2013 | 7:06 PM (#145756783)

Reply (#)

[steelcore \(http://www.theverge.com/users/steelcore\)](http://www.theverge.com/users/steelcore)

Apart from me not really seeing a use for that, since I carry two devices with me anyway:

People just look dorky with those things. They're not glasses that somehow project on the inner side of the glass, there's a dongle hanging in front of your face and it makes you look utterly stupid.

What makes one look even more stupid is actually looking at the display hanging an inch over your eye. Look at the last picture with Josh. He looks crazy there. Reminds me of Gajus Baltar. ;-)

Posted on Feb 22, 2013 | 7:10 PM (#145757293)

Reply (#)

[BVLongbottom \(http://www.theverge.com/users/BVLongbottom\)](http://www.theverge.com/users/BVLongbottom)

I'm ready for them to have apps on Google Glass like Facebook and twitter. Then I can just check my feed anywhere. There are so many cool apps that would be awesome to have incorporated hands free!

This one has already been posted to the #ifihadglass feed! People move quick!

<http://www.youtube.com/watch?v=EE7VP1ObhOs>. (<http://www.youtube.com/watch?v=EE7VP1ObhOs>.)

Posted on Feb 22, 2013 | 7:14 PM (#145758021)

Reply (#)

[Mundane \(http://www.theverge.com/users/Mundane\)](http://www.theverge.com/users/Mundane)

But the feature everyone is going to go crazy with is Glass' ability to take photos and video with a "you are there" view

IOW, it's really just helmet cam for perverts.

Posted on Feb 22, 2013 | 7:20 PM (#145759153)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Your life must be sadly boring if all you can think of is taking pictures of females...

Posted on Feb 24, 2013 | 7:19 AM (#146043447)

Reply (#)

[st33d \(http://www.theverge.com/users/st33d\)](http://www.theverge.com/users/st33d)

Me and my fellow left-eyed pirates spit on this technology that we will never be able to use. Arrrgh.

Posted on Feb 22, 2013 | 7:23 PM (#145759697)

Reply (#)

[Brainiac777 \(http://www.theverge.com/users/Brainiac777\)](http://www.theverge.com/users/Brainiac777)

I find this useless right now, it contains a little piece of glass with a camera, Blue Tooth, and WiFi connection. The closer the screen to your eyes, the worse your eyesight gets. It loses connection when outside WiFi range, and touching the arms of the glasses is just useless. Might as well take out your phone if your going through that much trouble. If the glasses slip off a little, you don't see anything. I don't see the point of a midget screen right now, they should implement a larger glass area with some sort of projection.

Posted on Feb 22, 2013 | 7:34 PM (#145761807)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

The closer the screen to your eyes, the worse your eyesight gets. It loses connection when outside WiFi range, and touching the arms of the glasses is just useless. Might as well take out your phone if your going through that much trouble. If the glasses slip off a little, you don't see anything.

And you know this how?

Posted on Feb 24, 2013 | 7:24 AM (#146043581)

Reply (#)

[joseph929 \(http://www.theverge.com/users/joseph929\)](http://www.theverge.com/users/joseph929)

This hands on talks about the privacy concerns and then this "As soon as we got inside however, the employees at Starbucks asked us to stop filming. Sure, no problem. But I kept the Glass' video recorder going, all the way through my order and getting my coffee." I think that says it all, people think its ok to see if we can get away recording people without their knowledge even after being asked not to. Shops like starbucks and pretty much every other shop, mall, public building will have to ban the use of these inside their building otherwise it's only a matter of time before it goes to far.

Posted on Feb 22, 2013 | 7:37 PM (#145762543)

[Reply \(#\)](#)

[microlith \(http://www.theverge.com/users/microlith\)](http://www.theverge.com/users/microlith)

Which will make sense up until you can no longer obviously see the camera. It's easy to argue that publicly accessible places like shops and government buildings are public places and thus you could be recorded at any time.

Posted on Feb 22, 2013 | 7:40 PM (#145763179)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Same thing always happens when a new form factor is introduced. People can still record videos inside Starbucks with their smartphones, so why would they ban this gadget?

Posted on Feb 24, 2013 | 7:29 AM (#146043675)

[Reply \(#\)](#)

[RachaRambola \(http://www.theverge.com/users/RachaRambola\)](http://www.theverge.com/users/RachaRambola)

Love this post.. Love this website..

Posted on Feb 22, 2013 | 7:38 PM (#145762705)

[Reply \(#\)](#)



[somebodysb2 \(http://www.theverge.com/users/somebodysb2\)](http://www.theverge.com/users/somebodysb2)

Look past the dirt of this site (Big 3 forums) and then you see amazing content. Keep it up!

Posted on Feb 22, 2013 | 7:46 PM (#145764311)

[Reply \(#\)](#)

[derekdevine \(http://www.theverge.com/users/derekdevine\)](http://www.theverge.com/users/derekdevine)

Reading this post gave me chills. The Verge team is hands down the best. No other organization compares. Google Glass... is interesting. It's one of those products that sparks curiosity amongst the masses. I work in Palo Alto and seen someone wearing Google Glass, and I had tons of questions. The first one was to try it on, denied. But the vision of Google Glass is promising: Allowing people to live in the moment with technology, which is crazy to think about. Everyone could keep there phones on silent to accomplish the vision, but the world is changing. And Google understands that. And I'm excited for the future of Google Glass.

Posted on Feb 22, 2013 | 7:48 PM (#145764887)

[Reply \(#\)](#)

[Decoder.Ring \(http://www.theverge.com/users/Decoder.Ring\)](http://www.theverge.com/users/Decoder.Ring)

If you put a second camera on this thing, you could have much easier distance measurement and could have all sorts of info overlaid on the "screen". That would be really cool.

Posted on Feb 22, 2013 | 7:54 PM (#145766141)

[Reply \(#\)](#)

[TheGuyWhoReadsTheVerge \(http://www.theverge.com/users/TheGuyWhoReadsTheVerge\)](http://www.theverge.com/users/TheGuyWhoReadsTheVerge)

Thank you for this article, Josh. While some articles on The Verge aren't good, the majority are and this is one of them. It's these sort of exclusive features that can set this site apart from others. Genuine info, not just trying to generate clicks.

Again, thanks Josh.

Posted on Feb 22, 2013 | 8:04 PM (#145768125)

[Reply \(#\)](#)



[Penderworth \(http://www.theverge.com/users/Penderworth\)](http://www.theverge.com/users/Penderworth)

I can't help but think this technology will be terribly misused. In addition, won't it make humans even more oblivious? When all the information in the world is right there all the time, what's the point of going to school? On that note, it would seem that people who write this information may be lost in the process, since everyone

is just reading what others have written.

I hope it's better than that though.

Posted on Feb 22, 2013 | 8:28 PM (#145773349)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

It's pretty hard to find technology that CAN'T be misused.

When all the information in the world is right there all the time, what's the point of going to school?

That's what people said when the internet was available to the public.

Posted on Feb 24, 2013 | 7:35 AM (#146043739)

Reply (#)



[mjenabi2 \(http://www.theverge.com/users/mjenabi2\)](http://www.theverge.com/users/mjenabi2)

i'm fairly sure i'll buy one...

Posted on Feb 22, 2013 | 8:33 PM (#145774623)

Reply (#)



[GLaDOS \(http://www.theverge.com/users/GLaDOS\)](http://www.theverge.com/users/GLaDOS)

I just really want them to look like this..



Posted on Feb 22, 2013 | 8:47 PM (#145777623)

Reply (#)



[scb1898 \(http://www.theverge.com/users/scb1898\)](http://www.theverge.com/users/scb1898)

These "glasses" are very interesting. I doubt I will buy a pair at the current price. Off topic. Do Josh's shirt buttons undo themselves on their own?

Posted on Feb 22, 2013 | 8:51 PM (#145778303)

Reply (#)



[bastardowski \(http://www.theverge.com/users/bastardowski\)](http://www.theverge.com/users/bastardowski)

Black Mirror S01E03. I live in the constant fear of that episode coming true. And it will to a certain extent with Glass. I just hope it's perfected to a manner shown in the series well after my time.

Posted on Feb 22, 2013 | 9:07 PM (#145782059)

Reply (#)

[cagonjoy \(http://www.theverge.com/users/cagonjoy\)](http://www.theverge.com/users/cagonjoy)

Wait, I thought Joshua kinda confirmed he ordered one Explorer last I/O, and he even tried Stark's (sorry, Sergey's) unit. Am I listening to the wrong vergecast?

Posted on Feb 22, 2013 | 9:12 PM (#145783435)

Reply (#)

[steffmn \(http://www.theverge.com/users/steffmn\)](http://www.theverge.com/users/steffmn)



Are you seeing this Apple? Why would anyone want a watch?

Posted on Feb 22, 2013 | 9:26 PM (#145787509)

Reply (#)

[GodShapedHole \(http://www.theverge.com/users/GodShapedHole\)](http://www.theverge.com/users/GodShapedHole)

Oh, Apple is seeing this. And they're already equating it to the ridicule Palm users got in the 90s. "Who wants something nerdy like that, writing emails in the presence of other people is so rude, if I was out with somebody and they pulled out their virginphone to compose an email i'd knock it out of their hands and leave."

So they're working on a watch now, wait for people to say "hey it would be great if Apple released iWatch glasses!" and then release dumbed-down smart glasses with a note that the things it can't do are things nobody should want to do (which they said, in the case of the original iPhone, about copy&paste, MMS, front-facing cameras, 3G connectivity, installing third-party apps and other dumb stuff).

Then the iGlasses will be a revolutionary product because suddenly "real people" will want to wear things on their head – after all, we've been wearing glasses for centuries, but these are smart!

Posted on Feb 24, 2013 | 7:40 AM (#146043907)

Reply (#)

[vachea \(http://www.theverge.com/users/vachea\)](http://www.theverge.com/users/vachea)

I'm making that first picture my wallpaper on my new MacBook lol.

Posted on Feb 22, 2013 | 9:30 PM (#145788581)

Reply (#)

[morky\\_mf \(http://www.theverge.com/users/morky\\_mf\)](http://www.theverge.com/users/morky_mf)

I love articles like this

Posted on Feb 22, 2013 | 9:31 PM (#145788959)

Reply (#)

[wshyang \(http://www.theverge.com/users/wshyang\)](http://www.theverge.com/users/wshyang)

Wow, that pair of glasses makes Joshua look just as sharp as Sergey Brin!

Posted on Feb 22, 2013 | 9:44 PM (#145792863)

Reply (#)

[Arx0s \(http://www.theverge.com/users/Arx0s\)](http://www.theverge.com/users/Arx0s)

Glass over the black sunglasses looked super badass.

Posted on Feb 22, 2013 | 9:48 PM (#145793743)

Reply (#)



[techbell \(http://www.theverge.com/users/techbell\)](http://www.theverge.com/users/techbell)

I could live without the Topolsky unbuttoned shirt shot – especially since it's been 30 degrees in Manhattan this week.

Posted on Feb 22, 2013 | 9:50 PM (#145794361)

Reply (#)

[bob.forsberg.7 \(http://www.theverge.com/users/bob.forsberg.7\)](http://www.theverge.com/users/bob.forsberg.7)

Looks like Borg Collective gear

Posted on Feb 22, 2013 | 9:51 PM (#145794395)

Reply (#)

[kawa \(http://www.theverge.com/users/kawa\)](http://www.theverge.com/users/kawa)

I think it's flawed as a product. You keep mentioning in the review that this is all about giving a more 'human experience' – I don't see that at all. You give the example of attending a child's sporting event and being distracted by technology – surely that would only get worse if I start getting text messages and emails popping up in the corner of my vision. We already have a way to switch off – put the device away.

If you want a device that helps you remove technology from your life whenever you don't want it, it's best to have it all contained in a unit like a phone. A constant overlay is a constant reminder of your connected-ness.

That said, nobody would disagree that it's a cool bundle of technology.

Killer app is going to be photos and videos (of course, since it's a sight-oriented device). The thing is, I think

pretty much all the other uses are weak – the demo of the guy speeding through NYC traffic on his bike, constantly distracted by the turn-by-turn in his vision is exactly what I *don't* want. It feels weird to say this, but just judging the concept I think it could be over-reaching.

It's too modal still – something more augmented reality-like over the whole picture would be better for things like turn-by-turn.

Happy to be proven wrong though. Of course everyone's going to be trying this out and forming their own opinions of it.

Posted on Feb 22, 2013 | 9:57 PM (#145795705)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Well, the purpose of the device is not specifically to remove technology from your life (that doesn't make sense). The point is to make your connectivity blend in to your life so that it's not as jarring when you have to break what you're doing to interact with technology. Dismissing an incoming message with natural language would be much faster than doing it directly on the phone's screen.

Posted on Feb 24, 2013 | 8:26 AM (#146045207)

Reply (#)

[xtLk \(http://www.theverge.com/users/xtLk\)](http://www.theverge.com/users/xtLk)

I was so impressed with this article and site that I created an account. I haven't done that in a decade. Well done.

Posted on Feb 22, 2013 | 10:13 PM (#145799567)

Reply (#)

[reid.ianson \(http://www.theverge.com/users/reid.ianson\)](http://www.theverge.com/users/reid.ianson)

In my opinion, this is just the beginning of something amazing. Can you imagine in time, (I'm a glasses and contacts wearer) being able to implement this type of technology seamlessly within the lens itself. I commend Google for leading the way in a totally new and innovative direction.

Posted on Feb 22, 2013 | 10:42 PM (#145805917)

Reply (#)



[lwatcdr \(http://www.theverge.com/users/lwatcdr\)](http://www.theverge.com/users/lwatcdr)

A. I hope it will work but bluetooth audio headsets. I ride a motorcycle and a heads display of my speed would be a great thing to have as well as directions.

B. I would wear it now.

C. put an IR camera on it. Night vision baby,

Posted on Feb 22, 2013 | 11:00 PM (#145809459)

Reply (#)

[monoculo? \(http://www.theverge.com/users/monoculo%3F\)](http://www.theverge.com/users/monoculo%3F)

nokia samsung, etc, needs to rip off this shit and bam clip on version, ( with earphones) use your glasses ( mines look better) and plug it on your cellphone. i dont need this silly mess otherwise.

Posted on Feb 22, 2013 | 11:05 PM (#145810637)

Reply (#)

[hariprashaths \(http://www.theverge.com/users/hariprashaths\)](http://www.theverge.com/users/hariprashaths)

It is just not right publishing this on a Friday.

Posted on Feb 22, 2013 | 11:09 PM (#145811507)

Reply (#)



[Lockework \(http://www.theverge.com/users/Lockework\)](http://www.theverge.com/users/Lockework)

Hmm, could be something awesome... but it looks kinda strange. Think I'll jump on board when it's a contact lens.

Posted on Feb 22, 2013 | 11:11 PM (#145811835)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

We're still ways off from that.

Posted on Feb 24, 2013 | 8:28 AM (#146045279)

Reply (#)

[Good OL MC \(http://www.theverge.com/users/Good%20OL%20MC\)](http://www.theverge.com/users/Good%20OL%20MC)

Hot damn.

"Have we screwed up human experience where we need to say, 'Let me put on these robot sunglasses?'"

Though still awesome.

Posted on Feb 22, 2013 | 11:27 PM (#145814727)

Reply (#)

[Code\\_Man \(http://www.theverge.com/users/Code\\_Man\)](http://www.theverge.com/users/Code_Man)

This seems like the potential to be something really cool. Unfortunately, do we really need more technology distracting us and augmenting us?

I swear, all of this technology is working towards creating future generations of idiots. I have a hard enough time these days understanding how a group of friends can go out, chat and catch up for a while and within an hour everyone has their heads down in their phones again; or pulling out their phone to "augment" their conversations since they are no longer interesting enough or can hold attention long enough to be a real person on their own.

It's getting ridiculous. I poke fun at my significant other all the time for these sort of distractions; and annoys me to no end how often she has to reach for her iDevice and endlessly scroll Facebook, Twitter, Instagram, Perez.... give it 40 minutes and she'll be at it again. It's not just an issue for her in specific either.... so many others. You have actual conversations, and thoughtful communication, laughter etc. less and less often the more people become engrossed in this stuff. The problem is... these products really are amazing, but they are creating a land-slide of boring, shallow people in a lot of cases with no interest but reading garbage and thinking other people are having way more fun based on carefully crafted pictures, and digital social bullshit. I agree completely with the writers comments about screwing up the human experience. Can't we just pay attention and be "there" instead of looking through a lens all the time and trying to share and save it for later?

Not to mention... I've never had a single issue with finding my way driving wherever I need to go. A quick glance of a map, write myself a couple directions or make a few mental notes and off you go... rarely need a map ever, but more and more commonly people are lost without a GPS telling them where to go every step of the way. It's kind of sad honesty.

So where can I buy one, where and how much? lol...

Posted on Feb 22, 2013 | 11:38 PM (#145816513)

Reply (#)



[abdulla77 \(http://www.theverge.com/users/abdulla77\)](http://www.theverge.com/users/abdulla77)

I'm sorry but this year's innovation award goes to Google, hands down.. unless Apple figures out something with their 'iWatch'.. I'm hedging my bets on Google.

Posted on Feb 22, 2013 | 11:56 PM (#145819107)

Reply (#)



[iCello \(http://www.theverge.com/users/iCello\)](http://www.theverge.com/users/iCello)

A: This is a completely amazing, wonderfully designed, written and produced article + video.

B: I am probably more excited about Google Glass than anything else ever in my life.

C: I don't think they should be designing it around trying to reduce our addiction to our smartphones. That's too narrow of a focus. Don't replace or augment my phone, create something completely new. That said, I think they will end up doing it, but maybe not as quickly or well as if that was their focus.

Posted on Feb 22, 2013 | 11:58 PM (#145819419)

Reply (#)



[khurtwilliams \(http://www.theverge.com/users/khurtwilliams\)](http://www.theverge.com/users/khurtwilliams)

I am probably more excited about Google Glass than anything else ever in my life.

Wow! You may need to rethink how you are living.

Posted on Feb 23, 2013 | 9:02 AM (#145846077)

Reply (#)

[yungtris \(http://www.theverge.com/users/yungtris\)](http://www.theverge.com/users/yungtris)

I just want to see them add some lenses to the thing. It looks strange without a lens; whether dark or clear.

Posted on Feb 23, 2013 | 12:03 AM (#145820207)

Reply (#)

[trickywinner \(http://www.theverge.com/users/trickywinner\)](http://www.theverge.com/users/trickywinner)

I wonder if it could be compatible with instagram, facebook, and a lot of other social networking sites.

If they could do that then I would buy this in a heartbeat. If not, I might wait it out for perhaps a later model.

Overall though, it's awesome and ,due to the fact that I have been following Project Glass for about a year, I am really anxious to see it

Posted on Feb 23, 2013 | 12:06 AM (#145820691)

[Reply \(#\)](#)

[minsk \(http://www.theverge.com/users/minsk\)](http://www.theverge.com/users/minsk)

Don't expect Google to do any favors to Facebook. Because Facebook is certainly not doing any to Google.

Posted on Feb 23, 2013 | 1:08 AM (#145830797)

[Reply \(#\)](#)



[King Lo \(http://www.theverge.com/users/King%20Lo\)](http://www.theverge.com/users/King%20Lo)

Please Google make a version for runner's. I would love to have a HUD with my run information on it.

Posted on Feb 23, 2013 | 12:57 AM (#145828923)

[Reply \(#\)](#)

[RachaRambola \(http://www.theverge.com/users/RachaRambola\)](http://www.theverge.com/users/RachaRambola)

Want apple contact lenses from Cupertino!!

Posted on Feb 23, 2013 | 1:10 AM (#145831169)

[Reply \(#\)](#)

[wingjammer \(http://www.theverge.com/users/wingjammer\)](http://www.theverge.com/users/wingjammer)

Josh just become the king of tech nerdism. They sure picked the right guy to sell these puppies, as he pulls the look off like a boss.

Posted on Feb 23, 2013 | 1:41 AM (#145834539)

[Reply \(#\)](#)



[SeriouslyMatt \(http://www.theverge.com/users/SeriouslyMatt\)](http://www.theverge.com/users/SeriouslyMatt)

Forget about normal eyeglasses for a moment. Forget about chunky hipster glasses.

But, that's you...

Posted on Feb 23, 2013 | 2:36 AM (#145837687)

[Reply \(#\)](#)



[quillaja \(http://www.theverge.com/users/quillaja\)](http://www.theverge.com/users/quillaja)

Will it fit inside a motorcycle helmet? My normal glasses just barely do.

Posted on Feb 23, 2013 | 2:38 AM (#145837761)

[Reply \(#\)](#)

[sigewulf \(http://www.theverge.com/users/sigewulf\)](http://www.theverge.com/users/sigewulf)

I think in a very short time, this thing will look like stylized sunglasses. No need to have them always on but with the short video capability, when you are outside at the amusement park or where ever, this has the potential to being the capturer of so many precious memories. Definitely more for the active, outdoors, social type than the couch potato.

Posted on Feb 23, 2013 | 3:34 AM (#145839091)

[Reply \(#\)](#)



[khurtwilliams \(http://www.theverge.com/users/khurtwilliams\)](http://www.theverge.com/users/khurtwilliams)

Most amusement parks don't allow glasses on the rides.

Posted on Feb 23, 2013 | 9:01 AM (#145846009)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

I think that's more of a precautionary suggestion. I've seen people get on rides with glasses and caps on.

Posted on Feb 24, 2013 | 9:03 PM (#146171825)

[Reply \(#\)](#)





**neurobiologist** (<http://www.theverge.com/users/neurobiologist>)

I like the fact that Joshua is opened to other than apple technologies. Keep so and I wont think you are a fanboy anymore. Good video and sound!

Posted on Feb 23, 2013 | 3:36 AM (#145839135)

[Reply \(#\)](#)



**nyx** (<http://www.theverge.com/users/nyx>)

At the bottom of this page, I'm seeing a Warby Parker ad from Google's Adchoice. Coincidence?

Posted on Feb 23, 2013 | 3:54 AM (#145839463)

[Reply \(#\)](#)

**daonei** (<http://www.theverge.com/users/daonei>)

you guys make the greatest videos.

Posted on Feb 23, 2013 | 4:17 AM (#145839967)

[Reply \(#\)](#)

**VextoR** (<http://www.theverge.com/users/VextoR>)

I see Seiko 5 military on nato strap

Posted on Feb 23, 2013 | 4:23 AM (#145840047)

[Reply \(#\)](#)



**fitonito** (<http://www.theverge.com/users/fitonito>)

I will buy this when someone makes realtime ADBLOCKER for it.

Posted on Feb 23, 2013 | 4:26 AM (#145840097)

[Reply \(#\)](#)

**rotozej** (<http://www.theverge.com/users/rotozej>)

This is the future. No doubt about that. iPhone 8? No thx...

Posted on Feb 23, 2013 | 4:48 AM (#145840393)

[Reply \(#\)](#)



**jagoan** (<http://www.theverge.com/users/jagoan>)

I see another man hand in future porn.

Posted on Feb 23, 2013 | 5:41 AM (#145841111)

[Reply \(#\)](#)



**khurtwilliams** (<http://www.theverge.com/users/khurtwilliams>)

Yes. Indeed. Live porn. Upskirt videos. Pervs everywhere will rejoice .

Posted on Feb 23, 2013 | 9:00 AM (#145845923)

[Reply \(#\)](#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

That's quite a flexible imagination. How the hell do you make an upskirt video from a head mounted camera without dropping to the floor and/or lifting women's skirts?

Posted on Feb 24, 2013 | 9:07 PM (#146172835)

[Reply \(#\)](#)

**corydora** (<http://www.theverge.com/users/corydora>)

Well, looks like they're missing a huge sector of the market – the approx 65% of the adult population (of the US, but I'm assuming that's where they'll release first) that wear eye correction, about 64% of whom exclusively wear glasses.

Posted on Feb 23, 2013 | 6:13 AM (#145841667)

[Reply \(#\)](#)



**khurtwilliams** (<http://www.theverge.com/users/khurtwilliams>)

And the others ( like myself ) that had laser eye surgery so we would not have to wear eye glasses. But who knows. Maybe "nerd" will become a fashion trend.

Posted on Feb 23, 2013 | 8:59 AM (#145845853)

[Reply \(#\)](#)

[ossian.k \(http://www.theverge.com/users/ossian.k\)](http://www.theverge.com/users/ossian.k)

Just laughed reading this. Laughed from the fact that this is going to be available this year! Holy crap this is cool.

Posted on Feb 23, 2013 | 6:25 AM (#145841835)

[Reply \(#\)](#)

[EnderW \(http://www.theverge.com/users/EnderW\)](http://www.theverge.com/users/EnderW)

I want them... These are Cyberpunk wet dreams come true ;)

This is the kind of product Steve Jobs would overlook personally with a whip... Even though I am an Apple "fanboy", I seriously doubt we will ever see anything as cool by Apple ever – just iPad / iPhone iterations... Tim Cook and his "Commitee" are not those likely to boldly go where no company has gone before... :/

And I believe that Samsung has already started photocopying in order to design something new and original: The S – GlaSS, because the more "S", the more original!!! :D

Posted on Feb 23, 2013 | 6:49 AM (#145842241)

[Reply \(#\)](#)



[I slept with your sister \(http://www.theverge.com/users/I%20slept%20with%20your%20sister\)](http://www.theverge.com/users/I%20slept%20with%20your%20sister)

after watching this I thought as humans we are totally fucked now and there is no looking back. But In a very surreal way I think we all are looking for that. It what we all live for nothing is shocking and nothing is sacred.

Posted on Feb 23, 2013 | 6:49 AM (#145842243)

[Reply \(#\)](#)

[NigelTufnel \(http://www.theverge.com/users/NigelTufnel\)](http://www.theverge.com/users/NigelTufnel)

My problem with it is mostly just the limited input methods. There is no way in hell I'm going to be walking around talking to myself to control this thing, the same reason I avoided Bluetooth headset douchebaggery. OK there's a single button but that's very limited and kind of defeats the whole "hands off" purpose anyway.

Other than that, I love the technology, there are certainly some very cool things that can be done. I just don't like how it's controlled.

Posted on Feb 23, 2013 | 7:03 AM (#145842555)

[Reply \(#\)](#)

[karlschmieder \(http://www.theverge.com/users/karlschmieder\)](http://www.theverge.com/users/karlschmieder)

Nice but what was the third Dark Mirror episode, the first season? It's only a matter of time before this becomes an implant.

Posted on Feb 23, 2013 | 7:51 AM (#145843471)

[Reply \(#\)](#)

[sp1ky \(http://www.theverge.com/users/sp1ky\)](http://www.theverge.com/users/sp1ky)

I'm sure this is a great article and all, but damn that red head is hot

Posted on Feb 23, 2013 | 8:04 AM (#145843763)

[Reply \(#\)](#)

[SpaceRooster \(http://www.theverge.com/users/SpaceRooster\)](http://www.theverge.com/users/SpaceRooster)

This looks mind blowingly awesome. Every time I see Glass I want it more..

Two concerns though:

- 1) How do you keep them from falling off while you're skydiving/rock climbing/planet hopping/ whatever you do in your spare time?
- 2) It would really suck if your \$1500 facial peripheral got stolen or broken.

Posted on Feb 23, 2013 | 8:31 AM (#145844547)

[Reply \(#\)](#)

[NigelTufnel \(http://www.theverge.com/users/NigelTufnel\)](http://www.theverge.com/users/NigelTufnel)

In the video, the Google woman says the main module is easily detachable from the frame, so you should be able to pop it onto other custom third party frames, for example integrated into a headband or hat that holds it more snugly onto your head.

Posted on Feb 23, 2013 | 6:03 PM (#145939283)

[Reply \(#\)](#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Soon these will be available for a lesser price. Not that it feels good to lose anything to theft or damage, but at least it's easier to take. And once the novelty wears off, you won't need to worry as much about having it

stolen.

Posted on Feb 24, 2013 | 9:22 PM (#146176989)

Reply (#)

[CarlWouters \(http://www.theverge.com/users/CarlWouters\)](http://www.theverge.com/users/CarlWouters)

awesome article again ! I am so excited in what the future will hold. Lets hope google creates an ecosystem where developers have the freedom with glass as with Android.

Posted on Feb 23, 2013 | 8:36 AM (#145844741)

Reply (#)

[KantFTW \(http://www.theverge.com/users/KantFTW\)](http://www.theverge.com/users/KantFTW)

I haven't been a fan of Joshua's reviews, but this article is just absolutely breathtaking. The humanization of an esoteric and obtuse tech just totally connected me to the goals of the product. Nice job, The Verge!

Posted on Feb 23, 2013 | 8:49 AM (#145845339)

Reply (#)



[khurtwilliams \(http://www.theverge.com/users/khurtwilliams\)](http://www.theverge.com/users/khurtwilliams)

I went to the shuttle stop and I saw a line of not 10 people but 15 people standing in a row like this," she puts her head down and mimics someone poking at a smartphone. "I don't want to do that, you know? I don't want to be that person.

Ok. But I don't see how Google Glass solves that "problem". It may make it less noticeable but information addicted people will just be looking at the glass screen instead.

Posted on Feb 23, 2013 | 8:53 AM (#145845553)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

At least with this solution you can keep your surroundings in perspective instead of focusing solely on the phone screen.

Posted on Feb 24, 2013 | 9:24 PM (#146177347)

Reply (#)

[V900 \(http://www.theverge.com/users/V900\)](http://www.theverge.com/users/V900)

Creeps, perverts and pedophiles just got a little boner while reading this article.

Two, maybe three things will probably kill Glass.

The first is battery life, which can't be great. (Did they mention that at all Joshua? What does battery life look like?)

The second is the inevitable sorting of information. Nobody wants to spend half an hour every evening to sort through the dozens of pictures and hours of video they took during the day.

The third wildcard is legislative action. It'll just take a couple of big "creep shots in kids bathroom" stories to make towns and private businesses to enact rules against persistently recording devices (what use is Glass if you can't use it in the mall?)

Not saying that it won't have its uses. It might very well be a popular accessory for skydivers or skaters. But we won't see Googles wet dream of a billions of video and information streams 24/7 come true.

Posted on Feb 23, 2013 | 8:59 AM (#145845889)

Reply (#)

[GodShapedHole \(http://www.theverge.com/users/GodShapedHole\)](http://www.theverge.com/users/GodShapedHole)

Creepy people currently cant take pictures because smartphones dont have cameras and its very obvious that when you have your phone out, youre taking a picture.

Posted on Feb 24, 2013 | 7:45 AM (#146044005)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

First, battery life is great (all day from what I heard). Second, it's no different than what people already do when they take videos and pics with a phone. Third, this isn't a "persistently recording device". Read the article before you form an opinion.

Posted on Feb 24, 2013 | 9:33 PM (#146179539)

Reply (#)

[Anonymole \(http://www.theverge.com/users/Anonymole\)](http://www.theverge.com/users/Anonymole)

I would be worried about the liability surrounding injury while wearing Glass. Driving? Bicycling? Jogging? Escalators? Even city walking will become dangerous while you're wearing this device.

Or how about Airport Security? Banks? Government buildings? Financial institutions? The list goes on and on. "Google Glass is not permitted on the premises."

We'll have to start wearing masks around or use facial image distortion gear to that we can retain some semblance of anonymity.

Posted on Feb 26, 2013 | 4:02 PM (#146506097)

Reply (#)

[cylemmulo \(http://www.theverge.com/users/cylemmulo\)](http://www.theverge.com/users/cylemmulo)

The guy wearing the glass looks like JP in grandmas boy

Posted on Feb 23, 2013 | 9:05 AM (#145846281)

Reply (#)

[kp50 \(http://www.theverge.com/users/kp50\)](http://www.theverge.com/users/kp50)

No no no Google... This is so far from the product it could be.

You need a control system that doesn't require touching of the glasses perhaps even eye tracking or a controller within your pocket. That would be way more smooth and cool.

Also, there needs to be a better link with the smartphone. People who buy these will almost all exclusively own smart phones – if all the processing could be offloaded to a phone via Bluetooth ( not just the Internet), the glasses could be significantly thinner and have better battery life.

You should also be able to communicate via your smartphone to your glasses. Say you look up directions to the British Museum. You should be able to flick the data on your phone straight to your glasses. This would also eliminate all the problems with sub par voice recognition.

Plus – please the design is not good. You can't wear this thing in public. Just put the camera on a pair of raybans and use all the space you can for a battery – all processing takes place on the device.

Posted on Feb 23, 2013 | 9:11 AM (#145846611)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

Baby steps.

Posted on Feb 24, 2013 | 9:34 PM (#146179771)

Reply (#)

[Drachen \(http://www.theverge.com/users/Drachen\)](http://www.theverge.com/users/Drachen)

All I know is that for 1500 bucks, they better put an "insane camera" in this thing.

Posted on Feb 23, 2013 | 9:39 AM (#145848547)

Reply (#)



[sasikanthmiriyampalli \(http://www.theverge.com/users/sasikanthmiriyampalli\)](http://www.theverge.com/users/sasikanthmiriyampalli)

eagerly waiting to try them

Posted on Feb 23, 2013 | 9:41 AM (#145848761)

Reply (#)



[9876 \(http://www.theverge.com/users/9876\)](http://www.theverge.com/users/9876)

This is a voyeurs wet dream. Prepare to be constantly photographed and filmed by neckbeard perverts.

Posted on Feb 23, 2013 | 10:07 AM (#145850955)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

What's "perverted" about people taking pics of people in public?

Posted on Feb 24, 2013 | 9:36 PM (#146180601)

Reply (#)

[jwarddesign \(http://www.theverge.com/users/jwarddesign\)](http://www.theverge.com/users/jwarddesign)

Call me a pessimist (more of a realist) but I don't think the world is ready for this tech yet. Technology is advancing before society's culture, laws and ethics have the opportunity to adapt. People barely converse on a humanistic level during an outing for diner anymore. Just faces glued to their phones; texting and chatting. The

driving laws are barely able to keep up with all these distractions. Privacy is being intruded on when voyeurs can video feed without any indication of doing so. 3d printers allowing people to create weapons. Hell, the majority of students and employees spend their valued time Facebooking or Tweeting or Pinteresting. It's getting out of hand, IMHO.

Posted on Feb 23, 2013 | 10:11 AM (#145851405)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

We can't hold back the progress of technology just because laws won't adapt fast enough. We need to demand the same foresight from our lawmakers as the one our engineers and scientists do.

In the case of social interaction, people tend to make up the rules as they go (like not talking on the phone when you're on a date or in a closed space). Same principles apply.

Posted on Feb 24, 2013 | 9:43 PM (#146182257)

Reply (#)



[Ratik \(http://www.theverge.com/users/Ratik\)](http://www.theverge.com/users/Ratik)

INTERSECT 3.0 #Chuck

Posted on Feb 23, 2013 | 11:08 AM (#145857241)

Reply (#)



[kurruption213 \(http://www.theverge.com/users/kurruption213\)](http://www.theverge.com/users/kurruption213)

Good lord this dude Josh has to make everything about himself. Stop trying to be a personality dude and actually let the interview be about the people that are central to the story.

Posted on Feb 23, 2013 | 11:09 AM (#145857313)

Reply (#)



[michael russo \(http://www.theverge.com/users/michael%20russo\)](http://www.theverge.com/users/michael%20russo)

Over 1000 posts and only 11 references to porn?

Well done.

Posted on Feb 23, 2013 | 11:11 AM (#145857547)

Reply (#)

[dzankizakon \(http://www.theverge.com/users/dzankizakon\)](http://www.theverge.com/users/dzankizakon)

Google Glasses are for people who **want more distraction**, not less. It's for people who want technology **all the time**, not just when they really need it. It **doesn't** "get out of the way" when you don't need it – it stays on your head waiting to be used, distracting you in the process, probably even showing you Google ads for shtuff you don't want.

The **smartphone** doesn't distract you in your pocket when you don't need it. The smartphone gets out of the way, unlike this.

They should stop pretending this is for regular people.

Posted on Feb 23, 2013 | 11:27 AM (#145859321)

Reply (#)

[Super Number \(http://www.theverge.com/users/Super%20Number\)](http://www.theverge.com/users/Super%20Number)

You just don't understand how Glass works. If you get a notification, you get it and deal with it instantly, at which point the notifications go away from view. You're not constantly worried if you'll miss an important call or message. You don't have to check your phone every 5 minutes. Having that peace of mind is much less distracting than regularly checking the phone for alerts.

Posted on Feb 24, 2013 | 10:13 PM (#146189103)

Reply (#)

[aebloomfield \(http://www.theverge.com/users/aebloomfield\)](http://www.theverge.com/users/aebloomfield)

I think your open shirt with exposed chest hair and dangling scarf in the middle of winter is way more odd than the glasses. No?

Posted on Feb 23, 2013 | 11:31 AM (#145859733)

Reply (#)

[MBMBaMdotcom \(http://www.theverge.com/users/MBMBaMdotcom\)](http://www.theverge.com/users/MBMBaMdotcom)

If they could put all the hardware in my pocket and lose all the electronics on the Google Glass, it would be more appealing. Just make it wireless and have the software run on my phone. I expect that to happen if not

the second gen, but the third iteration for sure.

Posted on Feb 23, 2013 | 11:44 AM (#145861463)

Reply (#)

[jms.tran \(http://www.theverge.com/users/jms.tran\)](http://www.theverge.com/users/jms.tran)

The Swedish girl is pretty hot...that's all I got out of that video.

Posted on Feb 23, 2013 | 11:59 AM (#145863389)

Reply (#)



[Vala \(http://www.theverge.com/users/Vala\)](http://www.theverge.com/users/Vala)

Awful camera quality!!!

Posted on Feb 23, 2013 | 12:17 PM (#145865701)

Reply (#)

[marzipanwarrior \(http://www.theverge.com/users/marzipanwarrior\)](http://www.theverge.com/users/marzipanwarrior)

Your impressions and judgments are mostly fair, especially regarding how ridiculous it looks. But the thing I can't shake is this: most people are currently paying too much for 2-year commitments to state-of-the-art smartphones that already have the "ability to take photos and video with a "you are there" view. I won't lie, it's amazingly powerful (and more than a little scary) to be able to just start recording video or snapping pictures with a couple of flicks of your finger or simple voice commands."

Goes without saying that our smartphones also do just about everything else that Glass does, navigation, scheduling, etc. They just don't mount on our heads for hands-free use while we're ambulatory. So while it's an intriguing idea, it just looks like a smartphone that's permanently on your head, basically. Probably useful for some people in very specific situations, but hardly capable of cracking the mainstream. Glass' geeky public cyborg look is not the only thing working against its commercial viability IMHO.

Also, while the Google dude was getting some attention from the ladies, and you secretly kept filming Starbucks employees, there will definitely be less-friendly reactions to seeing an always-on camera being aimed in one's direction once more of the public learn what this thing is.

Interesting concept though, and good article.

Posted on Feb 23, 2013 | 12:21 PM (#145866375)

Reply (#)



[Matthew.Atkinson83@gmail.com](mailto:Matthew.Atkinson83@gmail.com)  
(<http://www.theverge.com/users/Matthew.Atkinson83@gmail.com>)

So I definitely want one, don't care if I look out of place, I'll deal with it. I am excited about the times we live in. And Mr Topolsky, I enjoy the way you write. Your style is lean and, to me it feels very original.

Posted on Feb 23, 2013 | 12:27 PM (#145867407)

Reply (#)



[vince.lane \(http://www.theverge.com/users/vince.lane\)](http://www.theverge.com/users/vince.lane)

I agree. It looks somewhat unusual when you take close look...but it's similar enough to normal eyewear that it doesn't feel completely out of place. There's certainly been far more [upsetting recent trends in eyewear \(http://img.purseforum.com/attachments/premier-designers/dior/90300d1162764883-your-dior-sunglasses-dsc01142.jpg\)](http://img.purseforum.com/attachments/premier-designers/dior/90300d1162764883-your-dior-sunglasses-dsc01142.jpg) .

I might be tempted to ease my way in with a baseball cap the first week or so, but in general, I think the design feels surprisingly familiar, and considerably less invasive than I first imagined.

Posted on Feb 24, 2013 | 6:54 AM (#146043099)

Reply (#)

[PurplePeopleEaters \(http://www.theverge.com/users/PurplePeopleEaters\)](http://www.theverge.com/users/PurplePeopleEaters)

I went to the comment section to laugh as people made fun of this. My mind is blown. People actually want this!? Crazy, crazy.

Posted on Feb 23, 2013 | 1:17 PM (#145875583)

Reply (#)



[HisDivineOrder. \(http://www.theverge.com/users/HisDivineOrder.\)](http://www.theverge.com/users/HisDivineOrder)

So instead of everyone looking down at their smartphones, everyone will have their pupils looking up and to the right. They still won't be paying any more attention or caring what the other person is saying or doing. It'll just be easier for everyone to delude themselves that anybody else cares about them.

Heh. I think this would be better if it just attached to the glasses you already have.

Posted on Feb 23, 2013 | 2:07 PM (#145886405)

Reply (#)



**Valkyrian** (<http://www.theverge.com/users/Valkyrian>)

I'm really curious to see how Google is going to implement this in the established industry which we know today. Will we be able to connect it to our home devices or a tablet? What new functions can we expect in the future? Will I be able to, let's say, stream a movie from my Netflix at home to Google Glasses through 4G or tethering options? Only time will tell, unfortunately.

It is definitely too expensive for me to become an early adopter in this obvious next step for the industry. A \$1000-\$1500 price tag is simply way too steep. I think it will take a few years and some good old competition to lower the price of such a device. I can't wait to use a device like Google Glasses in the near future.

Also, a great article Joshua. Really pleasant to read.

Posted on Feb 23, 2013 | 2:11 PM (#145887337)

Reply (#)

**SuperBojangs** (<http://www.theverge.com/users/SuperBojangs>)

Deus Ex is becoming a reality

Posted on Feb 23, 2013 | 2:19 PM (#145889063)

Reply (#)



**the sports fan** (<http://www.theverge.com/users/the%20sports%20fan>)



Posted on Feb 23, 2013 | 2:50 PM (#145896059)

Reply (#)

**mmanut** (<http://www.theverge.com/users/mmanut>)

The possible help for people with certain disabilities are endless. This is a product with endless uses in today's everyday life. If they can get this product down to around \$500.00 it will sell, it will sell alot of units. I want one, being in the construction field I can think of so many ways of using this. I have to have one. Innovation, innovation and more innovation. Google is pushing the envelope. This is a great time in the smartphone technology. Android is leading the charge.

Posted on Feb 23, 2013 | 3:36 PM (#145906941)

Reply (#)

**binglut9** (<http://www.theverge.com/users/binglut9>)

Construction could use these big time. So many opportunities in most professions would have a use case for these

Posted on Feb 23, 2013 | 3:48 PM (#145909861)

Reply (#)

**marvinn** (<http://www.theverge.com/users/marvinn>)

This is possibly the best-written, best filmed and best edited technology story I've seen in at least 20 years of following consumer technology on the web. CNET, with all of the resources of CBS, hasn't done a story on Google Glass that even comes close to this piece. Thanks for the great work.

Posted on Feb 23, 2013 | 3:53 PM (#145911035)

Reply (#)

[carloons \(http://www.theverge.com/users/carloons\)](http://www.theverge.com/users/carloons)

- 1) People do not want protruding objects on their faces. Generations of other inventions prove this instinct of human behavior. Google is letting their geek-blinders lead them to foolishness if they think its just a matter of modernity. There's a reason most Bluetooth phone mics are completely restrained to the ear's anatomy and don't wrap around to people's mouths. People don't like wraparound mics beyond closed situations – offices, cockpits, concert stages. Heck, even in the market of actual eyeglasses, theres a reason that contact lenses are so popular. We humans don't like objects protruding in FRONT of their face if they're not required.
- 2) I agree the recent phenomenon of everyone staring down is weird but the whole 'being that person' criticism is very shallow... you will be "that" person regardless of the device if that's the person you choose to be. And you won't be that person regardless of your device.
- 3) As a society we have always been familiar with the concept of staring down and ignoring others in public when we're choosing to immerse ourselves in something – whether its a phone, a book, a map, a handheld game, etc. An interface on the tip of our eyelashes is not comparable to anything else in our public history and would require a leap of behavior not a mere evolution.
- 4) The notion that she would wear Glass and be able to still interact with data while appearing to be interacting with the world implies a measure of phoniness that people rarely find compelling as a decision-factor. because you still have to ignore your surroundings to focus on a display regardless of how close it is to your senses. It doesn't take much for my own thoughts to pull me into ignoring my surroundings, and those are much closer to my senses than Glass could ever be.
- 5) And don't for a second try to tell me constantly shifting my eyes' from that closeup to far away won't have a negative effect on my vision. My vision is already deteriorating from having to constantly shift my focus from far away to a small touchscreen 1-foot away.

Posted on Feb 23, 2013 | 3:58 PM (#145912127)

[Reply \(#\)](#)

[binglut9 \(http://www.theverge.com/users/binglut9\)](http://www.theverge.com/users/binglut9)

That's your opinion not fact. Bluetooth mics and these glasses can not be compared. People have been wearing glasses and things on their face for centuries. You are being small minded and what won't work for you might work for other people. The possibilities these glasses open up not just in consumer market but in enterprise would be enormous.

Posted on Feb 23, 2013 | 4:24 PM (#145918533)

[Reply \(#\)](#)

[carloons \(http://www.theverge.com/users/carloons\)](http://www.theverge.com/users/carloons)

Read my point carefully. People have been wearing glasses for centuries, yes, but as necessity for the basic bodily function of correcting their sight. And as soon as contact lenses became widely available eyeglasses have steadily declined in usage. This is not just my opinion, this is an observable and measurable reality. And my Bluetooth mic example is not to say they are the same as glasses, but to illustrate our instinct to prefer the non-protruding version of a technology for many years now. Enterprise potential – yes. Enterprise is always a great place for innovations to find limited unscalable success. Consumer potential – historical clues point to not likely.

Posted on Feb 23, 2013 | 4:46 PM (#145923983)

[Reply \(#\)](#)

[carloons \(http://www.theverge.com/users/carloons\)](http://www.theverge.com/users/carloons)

To clarify, in my opinion, success in enterprise occurring on an impersonal level is not scalable among main stream consumers. And therefore it defeats the whole angle Google is pitching of helping us be closer.

Posted on Feb 23, 2013 | 5:05 PM (#145927891)

[Reply \(#\)](#)

[binglut9 \(http://www.theverge.com/users/binglut9\)](http://www.theverge.com/users/binglut9)

No I understand your point fine. Its natural progression of tech. This is how innovation starts and glasses are just the beginning of a star trek future. The reason these will be successful is because its the natural way tech is going. Glasses might not be very successful but what becomes of it in a decade I bet will. Probably won't be glass anymore and more of an implant but t has to start somewhere. Can't interpret the past to mean the future especially when future tech will be even greater than what we have now. It being successful in enterprise first is fine because then that usually means it will penetrate the consumer market with success.

Posted on Feb 23, 2013 | 10:22 PM (#146004379)

[Reply \(#\)](#)





**n00b2000** (<http://www.theverge.com/users/n00b2000>)

Have they considered maybe including some sort of LED to indicate to others when the camera's on? That might head off some of the social issues that are probably going to arise with this thing.

Posted on Feb 23, 2013 | 5:19 PM (#145931057)

[Reply \(#\)](#)

**carloons** (<http://www.theverge.com/users/carloons>)

Good idea.

I wonder if Google is hesitant to do that because they are trying hard to make the glasses seem as inconspicuous as possible, and they figure people would be reluctant to have a blinking light on their face every time they take a video or photo.

Maybe if you have to hold your finger on the device while capturing video that could be a less harsh indicator?

Posted on Feb 23, 2013 | 5:43 PM (#145935733)

[Reply \(#\)](#)

**scxfan** (<http://www.theverge.com/users/scxfan>)

I can now post to Facebook from my glasses!

Posted on Feb 23, 2013 | 5:29 PM (#145933109)

[Reply \(#\)](#)



**El Wire** (<http://www.theverge.com/users/El%20Wire>)

I made this picture in 1992 dreaming about those glasses.



Posted on Feb 23, 2013 | 5:57 PM (#145938203)

[Reply \(#\)](#)



**DarkKnightofCydonia** (<http://www.theverge.com/users/DarkKnightofCydonia>)

This is an excellent article. One of the few long write-ups you've done where I've read the entire thing start to finish. Google Glass, stuff like this is what makes me feel like we're in the future. I can't believe this might come out at the end of the year. We've made it people.

Posted on Feb 23, 2013 | 7:03 PM (#145948781)

[Reply \(#\)](#)

**jodelynne** (<http://www.theverge.com/users/jodelynne>)

As amazing as this product proves to be and even considering the insane level of innovation we see pouring out from the creative minds at google... I am still thinking that this product is incredible because... well... did you all even SEE how HOT Josh Topolsky looks in the GLASS? OMG- no offense Josh T. but I saw that picture of you pop up on my Verge App on my phone and I did a double take and had to go read the article with the hot guy... then I realized – OMG – that's Josh!!! Dude – they need to make you their spokesperson/model for GLASS!!!! YOU ROCK THAT LOOK! =) True Story! <3

Posted on Feb 23, 2013 | 9:03 PM (#145980231)

[Reply \(#\)](#)

**zk-austin** (<http://www.theverge.com/users/zk-austin>)

It's amazing this is the first generation product. This has potential to change everything in coming years....The possibilities are endless if you could convert 40-50% of your heads-down time on a smartphone into a heads-up experience.

It also may be ahead of its time, but you just need famous people wearing them (because they are useful and a status symbol), and the people will follow.

(And a thousand times more innovative than a play-it-safe iWatch that will somehow 'save' Apple.)

Posted on Feb 23, 2013 | 11:07 PM (#146015237)

[Reply \(#\)](#)

**nicolaswebb** (<http://www.theverge.com/users/nicolaswebb>)

Can you reverse the eye position? I can't see out of my right eye very well.

Posted on Feb 23, 2013 | 11:59 PM (#146024785)

[Reply \(#\)](#)

**AjV** (<http://www.theverge.com/users/AjV>)

Is it just me or does this guy come off as sort of Dickish? I know journalists often ask interesting or even tough questions, but I wasn't getting that vibe here. Maybe snarky is a better term. The Google people did a good job of tolerating it but I'll bet it was the first comment made privately.

Posted on Feb 24, 2013 | 12:41 AM (#146030593)

[Reply \(#\)](#)



**Ralphjoeylauren** (<http://www.theverge.com/users/Ralphjoeylauren>)

This will be my Christmas gift to me.

I'm excited for these.

Also now solders can use this like uav on call of duty aha

Posted on Feb 24, 2013 | 1:48 AM (#146036201)

[Reply \(#\)](#)

**trip1ex** (<http://www.theverge.com/users/trip1ex>)

Fail. Voice interface all the time just ain't going to work. Fine line between cool lab experiment and mass market consumer product.

I think what it shows is potential for a head mounted camera iPhone/Android accessory.

Otherwise don't see the attraction. Just because screen is in your field of vision doesn't mean you are paying attention to where you are going or what is happening in front of you. You can only focus on one thing.

Typical Google too. Alpha/Beta products. Works for software because it is free. Not so much for hardware.

Posted on Feb 24, 2013 | 3:02 AM (#146039197)

[Reply \(#\)](#)



**HillParkBakery** (<http://www.theverge.com/users/HillParkBakery>)

The hardware has touch interaction so you can physically activate functions, not all voice. Good job dismissing a product without actually reading the text.

Posted on Feb 24, 2013 | 3:39 AM (#146040145)

[Reply \(#\)](#)



**HillParkBakery** (<http://www.theverge.com/users/HillParkBakery>)

Can it read power levels?

Posted on Feb 24, 2013 | 3:37 AM (#146040113)

[Reply \(#\)](#)

**adam.fontaine** (<http://www.theverge.com/users/adam.fontaine>)

Sounds like it'll be a great device. I myself have noticed how everyone has their nose buried in their phone these days. It's innovations like this that are the future. Man and tech working together naturally. No wonder Google's stock is approaching \$800! Great article guys!

Posted on Feb 24, 2013 | 4:15 AM (#146041043)

[Reply \(#\)](#)



**gureshi lac** (<http://www.theverge.com/users/gureshi lac>)

Wow! This is definitely the future!

Posted on Feb 24, 2013 | 6:24 AM (#146042739)

[Reply \(#\)](#)



**vince.lane** (<http://www.theverge.com/users/vince.lane>)

The writing, photography, and video production is best in class. Nothing else I've read about Glass has made me both better understand or more deeply desire getting my hands on the product.

Another exceptional piece guys, please keep it up.

Posted on Feb 24, 2013 | 6:43 AM (#146042959)

[Reply \(#\)](#)

**ChiefPotato** (<http://www.theverge.com/users/ChiefPotato>)

Just wanted to write another comment to say: Besides liking Google Glass a lot, yeah, nice layout and excellent writing on the article, too =)

(I forgot writing that in my other comment since i so take that for granted from Josh and the verge, but yeah, should be said once in a while anyway, thanks guys =) )

One thing I wondered about regarding Glass though: Does it recognise your voice to identify you?  
Just wondered thinking about what would happen if several people have it on and one speaks the commands, it should recognise the user by the voice to not get confused by the voice of others then.

Posted on Feb 24, 2013 | 7:47 AM (#146044055)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

I'm sure they either are working on it, or have it figured out already. Some bluetooth earpieces already incorporate bone conduction technology to filter out external noise not coming from the user. They could do something like this here.

Posted on Feb 24, 2013 | 9:57 PM (#146185567)

Reply (#)



**holdsinpootomakelongpoo** (<http://www.theverge.com/users/holdsinpootomakelongpoo>)

So how long before people start wearing these without getting the your a dumbass look from the general public

Posted on Feb 24, 2013 | 7:49 AM (#146044123)

Reply (#)

**fieldeffect** (<http://www.theverge.com/users/fieldeffect>)

Glass seems more ordinary and less exciting in action than I had imagined. I'm actually now more excited about the Apple wearable (based on that patent filing).

The bigger story here is the story itself. This is outstanding journalism. If there isn't a plan to start charging a subscription for the in-depth pieces like this, there should be. I'd pay. It's such a great experience coming to The Verge for a quick catch-up on the latest news and getting sucked into some serious analysis of something important, and it's happening more and more frequently :)

Posted on Feb 24, 2013 | 11:38 AM (#146062741)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

I'm surprised the article didn't highlight the possibility of live translation using Google Translate.

Posted on Feb 24, 2013 | 10:01 PM (#146186469)

Reply (#)

**AlvCi** (<http://www.theverge.com/users/AlvCi>)

I must say that I was skeptical when I first heard about Google Glass but after reading this article I'm convinced. While I don't believe that the product will catch on with the mainstream public I do believe that the product will catch on within the tech community. Who knows, that may be what the product needs in the short term.

Posted on Feb 24, 2013 | 1:03 PM (#146072765)

Reply (#)



**mwjii** (<http://www.theverge.com/users/mwjii>)

Great job again Joshua! I really enjoy reading and going over all the coverage you gives us keep up the great job!

For all you apple/android/google elitist,get over yourself. They are all fine products you may like one over another and that's great. Choice is good/healthy.

Posted on Feb 24, 2013 | 1:32 PM (#146077227)

Reply (#)



**xboomer** (<http://www.theverge.com/users/xboomer>)

Josh never looked so good. I call Photoshop...

Posted on Feb 24, 2013 | 3:29 PM (#146099663)

Reply (#)

**Patrickl69** (<http://www.theverge.com/users/Patrickl69>)

I can't unsee the resemblance to Steve Merchant though.

Posted on Feb 24, 2013 | 7:24 PM (#146147745)

Reply (#)



**weareborg** (<http://www.theverge.com/users/weareborg>)

I love, want, and will have at some point, but, early adopters will be a magnet for muggers 'til this is

mainstream.

At least your phone is in your pocket a lot of the time..

Posted on Feb 24, 2013 | 3:50 PM (#146104875)

Reply (#)



**NathanLawrence** (<http://www.theverge.com/users/NathanLawrence>)

I love this idea, but I'm really nervous we'll all look like idiots looking up into the upper right of our field of vision all the time.

Posted on Feb 24, 2013 | 4:50 PM (#146118075)

Reply (#)

**Super Number** (<http://www.theverge.com/users/Super%20Number>)

Hopefully future iterations will come up with a better display method.

Posted on Feb 24, 2013 | 10:03 PM (#146186811)

Reply (#)



**joachimt** (<http://www.theverge.com/users/joachimt>)

I'm praying that Google Glass would work with an iPhone!

Posted on Feb 24, 2013 | 4:59 PM (#146119923)

Reply (#)



**RedTheGreen** (<http://www.theverge.com/users/RedTheGreen>)

Of course it would. It works with any internet connection.

Posted on Feb 24, 2013 | 10:26 PM (#146191675)

Reply (#)



**CalxDesign** (<http://www.theverge.com/users/CalxDesign>)

More exceptional content from The Verge.

Posted on Feb 24, 2013 | 5:01 PM (#146120449)

Reply (#)



**GenZyannnd** (<http://www.theverge.com/users/GenZyannnd>)

The question should be "When Google will roll out wireless broadband" Glass needs excellent wireless service to work.

Posted on Feb 24, 2013 | 5:29 PM (#146125845)

Reply (#)

**ifeu** (<http://www.theverge.com/users/ifeu>)

I'm really excited with Glass and I think it looks good enough, but it makes me wonder: can't they make the "lens" look like a normal glass lens, instead of a rectangular block attachment at the upper right of your vision? Surely if they can make it like that, they can *normalize* it further by incorporating the screen to the actual lens therefore making it look like an ordinary pair of glasses?

Posted on Feb 24, 2013 | 7:49 PM (#146153815)

Reply (#)



**RedTheGreen** (<http://www.theverge.com/users/RedTheGreen>)

Not everyone wears glasses.

Posted on Feb 24, 2013 | 10:26 PM (#146191585)

Reply (#)

**ifeu** (<http://www.theverge.com/users/ifeu>)

Yes... but that's not the point.

Posted on Feb 25, 2013 | 9:40 AM (#146223941)

Reply (#)

**Karma\_Police** ([http://www.theverge.com/users/Karma\\_Police](http://www.theverge.com/users/Karma_Police))

I'm glad Josh isn't writing for a fashion magazine because if he thinks that's a great looking design, he needs a thicker pair of glasses. But then again, he raves about pretty much every design that comes across his desk and says that's the best design he's ever seen or will compare it favorably to Apple's. Then when he reviews an Apple product, he'll praise it and trash all those products that he recently reviewed as being awesome... then

the cycle repeats.

Posted on Feb 24, 2013 | 10:46 PM (#146195463)

Reply (#)

[lundsh \(http://www.theverge.com/users/lundsh\)](http://www.theverge.com/users/lundsh)

It seems kind of cool in a sci-fi movie sort of way, but I have *serious* doubts about the ability of most people to see this display without straining the hell out of your eyes. I have very good vision and can comfortably focus on text perhaps 4 inches from my eye, but this screen is what, 1 inch away?

Pick up a printed page right now and hold some text 1" from your eye and see what the experience is like. Am I missing something here? If I'm wrong about this I wouldn't mind someone explaining to me how I would not have trouble focusing on this.

Posted on Feb 25, 2013 | 12:57 AM (#146208671)

Reply (#)

[eyebeams \(http://www.theverge.com/users/eyebeams\)](http://www.theverge.com/users/eyebeams)

Hmm – I think Warren Ellis' THE INEXORABLE RISE OF THE CRAPJECTS article today on Vice Beta is a good antidote to all this fawning. Go read it and reflect.

Posted on Feb 25, 2013 | 5:10 AM (#146215753)

Reply (#)

[Downloading... \(http://www.theverge.com/users/Downloading...\)](http://www.theverge.com/users/Downloading...)

I agree with Josh, it is interesting that as we seek more human interaction we are distancing our selves more from humans and the reality as we augment our reality. We seek only an aspect of what in reality the whole experience is, as we try to control the reality by selecting what we want and what we don't want. As Agent Smith explains in the original matrix, we human species cant survive in a 'perfect' world we need the human touch of imperfection, pain sorrow suffering, its the true human condition.

Posted on Feb 25, 2013 | 8:57 AM (#146220615)

Reply (#)

[goldy24 \(http://www.theverge.com/users/goldy24\)](http://www.theverge.com/users/goldy24)

That one picture showing those guys with the big cams.  
Are you sure that girl with the golden hair & glass didn't come back from the future?

Posted on Feb 25, 2013 | 9:16 AM (#146221899)

Reply (#)

[oliversl \(http://www.theverge.com/users/oliversl\)](http://www.theverge.com/users/oliversl)

Josh really put some writing behind this, its ok but I would love more technical info. The 1st half is about the magical wait and magical unicorn experience, too few words about the device itself.

I put my sunglasses and look up, it does not feels natural, it even hurts. I wonder how much you have to look up, why is the initial setup so important, what kind of display technology they use, why too thick glass, etc

My last 2 words are: chest ... hair ...

Posted on Feb 25, 2013 | 10:52 AM (#146233599)

Reply (#)



[baboonez \(http://www.theverge.com/users/baboonez\)](http://www.theverge.com/users/baboonez)

Its major use-case – video recording/transmission without having to resort to holding a phone – along with its incorporation of aggregative Google Now features will make it imperative to have super-fast data (LTE or further-iterated HSPA+) on phones. I think the basic necessity of super-fast data is what will separate it most clearly from smartphones, which by and large can muddle along with just 3G/HSPA+ in 99% of use cases:

<http://screengrab.me/2013/02/25/google-glass-the-first-use-case-for-lte/>  
(<http://screengrab.me/2013/02/25/google-glass-the-first-use-case-for-lte/>)

Posted on Feb 25, 2013 | 3:19 PM (#146287061)

Reply (#)



[dmce01 \(http://www.theverge.com/users/dmce01\)](http://www.theverge.com/users/dmce01)

Videos like these need to be longer than 5 minutes, Topolsky.

Posted on Feb 25, 2013 | 4:22 PM (#146303573)

Reply (#)

[thejude888 \(http://www.theverge.com/users/thejude888\)](http://www.theverge.com/users/thejude888)

Will these be available in the UK

Posted on Feb 25, 2013 | 4:23 PM (#146303881)

[Reply \(#\)](#)



[balazsfeher \(http://www.theverge.com/users/balazsfeher\)](http://www.theverge.com/users/balazsfeher)

Man, it's like Game of Thrones... release date *just can't come fast enough*.

Posted on Feb 25, 2013 | 6:42 PM (#146331759)

[Reply \(#\)](#)



[Steve Keys \(http://www.theverge.com/users/Steve%20Keys\)](http://www.theverge.com/users/Steve%20Keys)

I just wish it looked more like the glasses used in the anime "Dennou Coil".

Posted on Feb 25, 2013 | 8:15 PM (#146349537)

[Reply \(#\)](#)



[i like corndogs \(http://www.theverge.com/users/i%20like%20corndogs\)](http://www.theverge.com/users/i%20like%20corndogs)

topolsky...your right ear is higher than your left.

Posted on Feb 25, 2013 | 8:21 PM (#146350987)

[Reply \(#\)](#)

[Mac-Man \(http://www.theverge.com/users/Mac-Man\)](http://www.theverge.com/users/Mac-Man)

Wow, stupid.

Also, talk about making yourself a target for a good ol' fashion mugging.

Posted on Feb 25, 2013 | 8:43 PM (#146356467)

[Reply \(#\)](#)



[Babilinski \(http://www.theverge.com/users/Babilinski\)](http://www.theverge.com/users/Babilinski)

The verge is the best Tech. News site. Their videos and articles are amazing ! Thank you !

Posted on Feb 25, 2013 | 8:44 PM (#146356763)

[Reply \(#\)](#)

[AsterLUX \(http://www.theverge.com/users/AsterLUX\)](http://www.theverge.com/users/AsterLUX)

Here a quick design-remix, which I think would minimize the weirdness caused by the obstructiveness of the glasses. Just an idea...

**Current design:**



**Bulk of hardware  
is above frame  
to free peripheral vision  
and to not cast shadow  
over empathy-critical eye  
region**



Posted on Feb 25, 2013 | 10:26 PM (#146385559)

Reply (#)

**ObviousNinja** (<http://www.theverge.com/users/ObviousNinja>)

I don't know why but for some reason the bottom picture makes him look douchey. LOL

Posted on Feb 25, 2013 | 11:15 PM (#146397271)

Reply (#)

**AsterLUX** (<http://www.theverge.com/users/AsterLUX>)

Well, I mirrored the eye from the left-side, so it's not quite him.

Posted on Feb 25, 2013 | 11:18 PM (#146398035)

Reply (#)

**AsterLUX** (<http://www.theverge.com/users/AsterLUX>)

Actually, I think you could improve the design by mirroring the glasses, to take into account the left-gaze bias in emotion reading in humans ( we tend to look at the right eye of other people, first, when trying to read emotions ). On that basis, it would make sense to have the right side of the face be as unobstructed as possible.

Info on left-gaze bias:

Research: <http://www.ncbi.nlm.nih.gov/pubmed/18925420> (<http://www.ncbi.nlm.nih.gov/pubmed/18925420>)

In dogs ( around 5:30 ): <https://www.youtube.com/watch?v=-HGPvs-TKLM> (<https://www.youtube.com/watch?v=-HGPvs-TKLM>)

Posted on Feb 25, 2013 | 10:55 PM (#146392399)

Reply (#)





[anderichards \(http://www.theverge.com/users/anderichards\)](http://www.theverge.com/users/anderichards)

We're witnessing the dawn of the era of douche-tech.

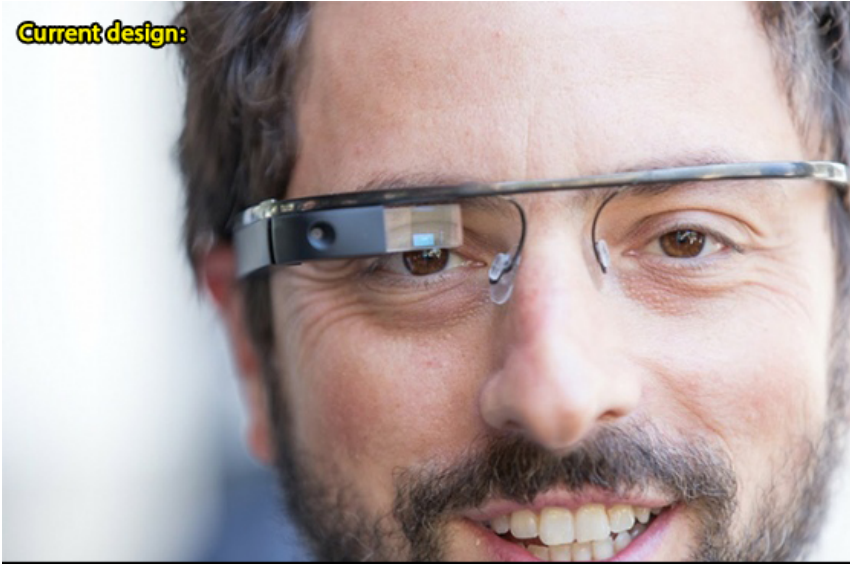
Rejoice, those of you for whom the Bluetooth earpiece simply wasn't douche enough. Your prayers have been answered.

Posted on Feb 26, 2013 | 1:10 AM (#146412413)

[Reply \(#\)](#)

[AsterLUX \(http://www.theverge.com/users/AsterLUX\)](http://www.theverge.com/users/AsterLUX)

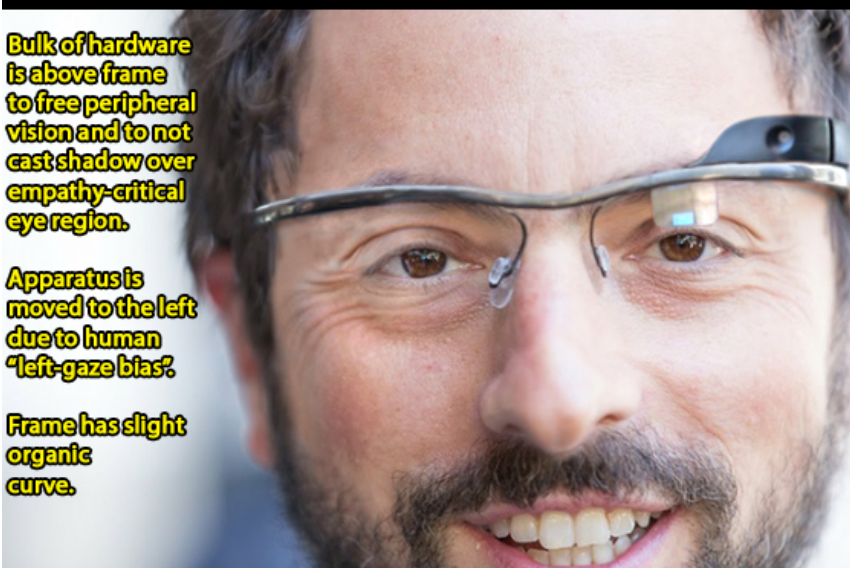
**Current design:**



**Bulk of hardware is above frame to free peripheral vision and to not cast shadow over empathy-critical eye region.**

**Apparatus is moved to the left due to human "left-gaze bias".**

**Frame has slight organic curve.**



Posted on Feb 26, 2013 | 2:17 AM (#146416375)

[Reply \(#\)](#)

[n13 \(http://www.theverge.com/users/n13\)](http://www.theverge.com/users/n13)

Exactly – great illustration, and the lower one looks clearly **way** better. You'd think this is design 101.

Posted on Feb 26, 2013 | 12:44 PM (#146461995)

[Reply \(#\)](#)

[AsterLUX \(http://www.theverge.com/users/AsterLUX\)](http://www.theverge.com/users/AsterLUX)

Thank you! I agree that it is somewhat obvious — then again, it's way easier to improve something that already exists, than coming up with it in the first place...

Posted on Feb 26, 2013 | 6:33 PM (#146538165)

[Reply \(#\)](#)



**DrPeirson** (<http://www.theverge.com/users/DrPeirson>)



Posted on Feb 26, 2013 | 6:31 AM (#146421189)

[Reply \(#\)](#)

**RealPTR** (<http://www.theverge.com/users/RealPTR>)

It reminds me of MomCorp's the eyePhone from Futurama :-)  
Attack of the Killer App!!! [http://en.wikipedia.org/wiki/Attack\\_of\\_the\\_Killer\\_App](http://en.wikipedia.org/wiki/Attack_of_the_Killer_App)  
([http://en.wikipedia.org/wiki/Attack\\_of\\_the\\_Killer\\_App](http://en.wikipedia.org/wiki/Attack_of_the_Killer_App))

Posted on Feb 26, 2013 | 10:01 AM (#146432295)

[Reply \(#\)](#)

**Brad R** (<http://www.theverge.com/users/Brad%20R>)

The thing that turns me off about this is the heavy reliance on voice commands. It's not always possible to talk out loud when you want to do something on your device. That's one of the reasons why texting is more popular than phone calls these days. Can you imagine being at a sporting event and having an idiot sitting behind you shouting "OK GLASS TAKE A PHOTO" ad nauseum?

Posted on Feb 26, 2013 | 10:22 AM (#146434989)

[Reply \(#\)](#)

**RealPTR** (<http://www.theverge.com/users/RealPTR>)

I had similar thoughts on this. If this device could take commands from eye movements and winking. And a parson making odd eye movements looks less strange then someone talking to him/her self :-)

Posted on Feb 26, 2013 | 10:31 AM (#146436245)

[Reply \(#\)](#)

**justin.hixson.58** (<http://www.theverge.com/users/justin.hixson.58>)

That is what the Touch Pad is for.

Posted on Feb 26, 2013 | 12:50 PM (#146463165)

[Reply \(#\)](#)

**thespainard** (<http://www.theverge.com/users/thespainard>)

Is it just me or does anybody else also think that Josh is being a little too full of himself. I am not one to attack a person, but this is starting to get to me. Dude, you are a journalist, you haven't built shit, all you do is review stuff. Remember that!!!

All the guys who actually built the stuff, including the guys in the Google glass video look more humble than Josh. Being on Jimmy Fallon doesn't make you great. Get a grip. See the guys rolling their eyes when Josh declared to them that SeaBreeze was a better name?

Posted on Feb 26, 2013 | 2:19 PM (#146481773)

[Reply \(#\)](#)

**Anonymole** (<http://www.theverge.com/users/Anonymole>)

How long will it take before the first Glass user steps off a curb and get's hit by a bus while they're distracted using this HUD?

Posted on Feb 26, 2013 | 3:52 PM (#146503645)

Reply (#)

[justin.hixson.58 \(http://www.theverge.com/users/justin.hixson.58\)](http://www.theverge.com/users/justin.hixson.58)

A lot longer than it took the first Smartphone user to do the same thing. Kinda the point.

Posted on Feb 26, 2013 | 5:01 PM (#146521545)

Reply (#)



[iTheDarkKnight \(http://www.theverge.com/users/iTheDarkKnight\)](http://www.theverge.com/users/iTheDarkKnight)

She's alright, isn't she! ;)

Posted on Feb 26, 2013 | 5:33 PM (#146528107)

Reply (#)

[DocNick \(http://www.theverge.com/users/DocNick\)](http://www.theverge.com/users/DocNick)

Google's X Lab was responsible for neural networks? Ha ha ha ha ha ha.  
Google's X Lab may be good, but as yet they haven't invented time travel.

Posted on Feb 26, 2013 | 9:25 PM (#146580731)

Reply (#)



[mos6502geek \(http://www.theverge.com/users/mos6502geek\)](http://www.theverge.com/users/mos6502geek)

This is awesome!  
Now all I need is a jet pack and a flying car XD

Posted on Feb 26, 2013 | 10:12 PM (#146595629)

Reply (#)

[graeme.kilshaw \(http://www.theverge.com/users/graeme.kilshaw\)](http://www.theverge.com/users/graeme.kilshaw)

With the Friendship Cube Group, we are focussed on virtual reality and augmented reality interactions that enhance daily life. There are lots of possibilities for friendship cube code interaction increase with augmented reality technologies like Google Glass. The visual binary code becomes an intuitive guiding window via the augmentation screen. I hope to design some software that enables people to interact using friendship cube technology. And combine Google Glass with the Emotiv EEG headset. We could design a headset that has both a neuro-signals acquisition device and screens that show our symbols, as well as a camera. So the idea is that you have a screen on your clothes where people can see your latest tweet update. You have 1 or more cameras linked to your body, conveniently next to your eyes.

[Friendship Cube Group \(http://FriendshipCube.com\)](http://FriendshipCube.com)

Posted on Feb 26, 2013 | 10:43 PM (#146603491)

Reply (#)

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