



# Vuzix Smart Glasses

## M100 - Hands Free Smartphone Display

**Vuzix Smart Glasses M100 are the world's first "Hands Free" smartphone display for on-the-go data access from and to your Smartphone and the Internet.**

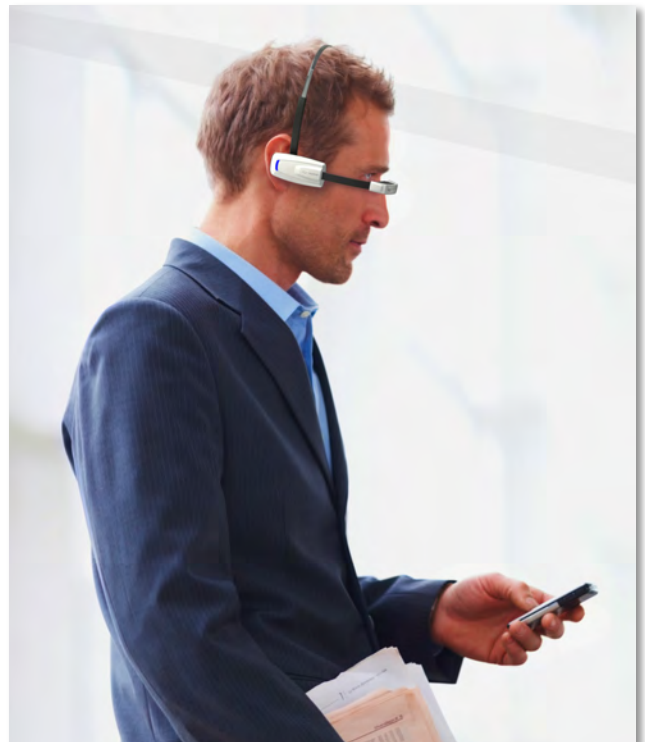
As the name implies, smart glasses are much more than just a wearable TV. Vuzix' M100 are the first hands free personal display and communications system for linking consumers to smartphone data and the Cloud. Text, video, email, mapping, audio, and all we have come to expect from smartphones, is available through this wireless personal information display system. Vuzix smart glasses offer a wearable visual connection to the Cloud, through your smartphone or other compatible smart device, wherever you go.

The Vuzix M100 contains a virtual display with integrated camera and powerful processing engine, running an Android OS, to wirelessly connect via BT or WiFi to your smartphone (iOS or Android) or other compatible device. Powerful enough to connect to the Internet, run applications and games on its own, the M100 works in harmony with your smartphone to open up to a plethora of existing and future applications.

As a Hands Free accessory, with AR camera/display functionality, Vuzix smart glasses not only let you answer the phone with a visual address book, they enable applications from reading text messages and email to visual navigation along with more advanced features like video recording, and basic augmented reality applications.

The Vuzix M100 supports downloadable applications. Examples of this growing list include – discrete access to applications from email to the location relevant data, basic first-person augmented reality applications, personal video recording, and of course gaming.

The Vuzix smart glasses, M100 includes an integrated head tracker and GPS for spacial and positional awareness and an integrated camera enables video and still image capture for recording onto the integrated SD card or for sharing clips over the web. The interactive tracking and integrated camera combined with applications on the M100, and a smartphone linked to the Cloud, allows for the merging virtual information with the real world.



*Vuzix Smart Glasses, M100  
with over ear mounting option.*



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## **Specifications:**

### Optics Engine

- Display resolution: WQVGA Color 16x9 displays
- Field of View (Diagonal): 14 degrees – 4" cellphone screen at 14"
- Brightness: >2000 nits
- Left or right eye useable

### Built in OMAP 4 Processor and Graphics engine

- Fully optimized Android 4.01
- 4 GB of memory

### Integrated button controls

- power, select, volume up, volume down

### Integrated head tracker & GPS

- 3-degree of freedom head tracking
- Integrated compass and GPS

### Integrated battery

- Up to 8 hours
  - 2 hours full on
  - 8 hours typical use, hands free mode

### External Flash Slot

- Micro SD slot (supports up to 16 GB)

### Mounting Options:

- Over ear
- Over head
- Behind head

### Hands Free

- Noise suppression ear speaker
- Noise cancelling microphone

### HD 1080p Camera:

- 16:9 aspect ratio
- Picture and video recording capable

### Host Device software

- iOS/Android

### Connectivity

- uUSB: Control/Power/Upgrade
- Wi-Fi 802.11b/g/n, BT and GPS

### SDKs now shipping

- M100 SDK, Silver – includes pre-production M100
- M100 SDK, Gold – designed for commercial app development, includes early M100 prototype
- [developer.vuzix.com](http://developer.vuzix.com)

Shipping mid-summer 2013



*Vuzix M100 Smart Glasses without head-mount attachment.*

*Subject to change without notice.*