

VUZIX®

M100 Smart Glasses Hands-Free Mobile Computing



M100 Smart Glasses serve up the digital world hands-free

Designed specifically for Enterprise, the M100 delivers proven ROI in commercial use applications, varying from field service to logistics to manufacturing and more.

Vuzix M100 Smart Glasses offer unprecedented access to information, data collection and more. Now you can enhance existing workflows and open new opportunities in industrial, supply chain, remote assistance, medical and many more aspects of your business.

Vuzix M100 Smart Glasses are an Android-based wearable computer, enhanced with a monocular display and onboard processor, recording features and wireless connectivity capabilities designed for a wide variety of enterprise applications. Its pre-installed apps can be used to take still pictures, record and playback video, track timed events, link to your phone and more.

The true strength of the M100 comes from its compatibility with thousands of existing Android apps, and easy access to developer resources, which enable the creation of custom apps to suit virtually any need. Ergonomic yet rugged, the M100 is currently in large scale productive use in numerous sectors including telemedicine, remote assistance, warehousing, utilities, manufacturing, and more.

Vuzix M100 Smart Glasses provide the features and capabilities of a modern smartphone in a hands-free wearable device, minus a cellular radio. It includes an HD camera for still picture and video capture and enables the user to store their content in expandable onboard memory or stream it live. Bluetooth 4.0 connectivity makes it easy to pair with another Android device or connect wirelessly with Wi-Fi to the Internet.

With integrated GPS, gyroscope and compass systems, apps can sense your location and even the direction and angle of your current view for highly accurate environmental awareness. Voice, button press, and gesture controls give the user a variety of ways to navigate the M100 in almost any working environment.



VUZIX[®] M100 Smart Glasses

View the Future[®]



TECHNICAL SPECIFICATIONS

Optics

- Display resolution: WQVGA color displays
- Aspect ratio: 16:9
- Field of view (diagonal): 15 degrees, equivalent to 4 in. mobile device screen seen at 14 in
- Brightness: >2000 nits
- 24 bit color
- Supports left or right eye use
- OMAP4430 at 1GHz
- 1GB RAM
- Fully optimized Android ICS
- 4GB internal flash memory

External Flash Slot

- Micro SD support up to 32 GB

Controls

- 4 control buttons
- Remote control app - runs on paired Android and iOS devices
- Voice control - customizable and supports multiple languages
- Gesture sensor - 2 axis with select

Sensor Systems (always on)

- 3 DOF gesture engine (L/R,N/F)
- Proximity
- Ambient light

Integrated Head Tracker

- B3-degree of freedom head tracking
- 3 axis gyro, 3 axis accelerometer
- 3 axis mag/integrated compass

Battery

- 600mha rechargeable internal battery
 - Up to 6 hours hands free (display off)
 - 2 hours hands free + display
 - 1 hour hands free + display + camera + high CPU loading
- 3800mha rechargeable external battery pack
 - Ultra-thin USB mini-B cable
 - Powers & recharges M100
 - Increases run time up to 6.5 times over base M100

Audio

- Ear speaker and noise canceling microphone

Camera

- 5 Megapixel Stills
- 1080p Video, 16:9 aspect ratio

Mounting Options

- Over head-band & frameless
 - Safety glasses*
 - Task based and fashion glasses*
- *Prescription lenses available for all frames*

Connectivity

- microUSB: control/power/upgrade
- Wi-Fi 802.11b/g/n, and Bluetooth 4.0

Supported Host Devices Software

- Android
- iOS

Specifications subject to change without notice

Feature-Packed M100 Smart Glasses



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