

VUZIX®

M300 Smart Glasses Hands-Free Mobile Computing



The Vuzix M300 Smart Glasses for hands-free mobile computing



Access video tech support in field service

Perfect for Enterprise, the M300 delivers enhanced functionality for commercial applications varying from field service to logistics to manufacturing and more.

Vuzix M300 Smart Glasses provide a hands-free platform for access to digital information and collaborative tools. Improve existing workflows and open new opportunities in industrial, medical, retail, supply chain, remote help desk, and other aspects of your business. The new M300 design is based on a common core platform using the Intel Atom processor, which drives both our new M300 and M3000 devices.

Vuzix M300 Smart Glasses are an ergonomically designed and rugged Android-based wearable computer. They are enhanced with a monocular display and onboard processor, large internal storage, recording features and robust wireless connectivity capabilities. Vuzix M300 Smart Glasses have been designed from the very beginning with enterprise applications in mind, incorporating years of feedback from production use of our M100 Smart Glasses.

Pre-installed apps can be used to track timed events, manage your calendar, link to your phone and more. The HD camera records, stores, plays back still pictures and video, and can be used as a bar code scanner. The M300 is compatible with thousands of existing Android apps and Vuzix' easy access to developer resources enables the creation of custom apps to suit virtually any need.

Vuzix M300 Smart Glasses provide most of the features and capabilities of a modern smartphone, in a hands-free wearable device. Bluetooth 4.1 connectivity makes it ideal to pair with Android or iOS devices or connect wirelessly with Wi-Fi to the Internet. An integrated head tracking system provide apps with the direction and angle of your current view for environmental awareness. Voice, button press, and touch pad with gesture controls, and ruggedized against water, dust and dirt, give the user versatility to navigate and use the M300 in almost any working environment. Also includes the flexibility of enhanced battery packs for long/high intensity users and lightweight batteries for low/infrequent users.

The M300's enhanced functionality and wearability provides a hands-free platform to access digital information and collaborative tools.

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TECHNICAL SPECIFICATIONS*

Optics

- Display resolution: nHD color display
- Aspect ratio: 16:9
- Field of View (diagonal): 20 degrees, equivalent to 5 in. mobile device screen seen at 14 in
- Brightness: >2000 nits
- 24-bit color
- Supports left or right eye use
- Dual Core Intel Atom CPU
- 2GB system RAM
- Android 6 OS
- 64GB internal flash memory

Controls

- 4 Android control buttons
- Voice control – customizable and supports multiple languages
- 2 Axis touch pad

Sensor Systems

- Proximity inward facing
- Proximity/ALS outward facing

Integrated Head Tracker

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

Battery

- 160mAh internal battery supports hot swapping of external batteries
- 860mAh smart external battery
- Supports USB batteries providing at least 1.5 Amp
- 2 – 12 hours of operation based on external battery choice

Audio

- Ear speaker
- Noise canceling microphones

Camera

- Up to 10 megapixel stills
- Up to 1080p video
- Auto-Focus
- Optical Image Stabilization
- Flash/scene illumination

Versatile Mounting Options Available

- Eyeglass frames with or without lens
- Safety glasses
- Hard hat mount
- Headband mount

Connectivity

- MicroUSB 2.0 HS
- Wi-Fi b/g/n/ac – Dual-B 2.4/5 GHz
- BT 4.1/2.1+EDR

*Specifications subject to change without notice

View our M300 Video



Feature-Packed M300 Smart Glasses



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