

VUZIX®

M3000 Smart Glasses Advanced Waveguide Optics

COMING
SUMMER 2016



The Vuzix M3000 is the next generation of Smart Glasses featuring advanced waveguide optics for hands-free mobile computing

Perfect for Enterprise, the M3000 delivers enhanced functionality for enterprise applications varying from field service to logistics to manufacturing and more.

Vuzix M3000 Smart Glasses delivers a “hands free” digital world, providing unprecedented access to information, data collection and more. Improve existing workflows and open new opportunities in industrial, medical, retail, supply chain, remote help desk, and other aspects of your business. The new M3000 design is based on a common core platform using the Intel Atom processor – slated to drive both our new M300 and M3000 devices.

The Vuzix M3000 Smart Glasses is an ergonomically designed and rugged Android-based wearable computer, featuring the latest Vuzix 1.4 mm thin waveguide optics and custom WVGA linear DLP “Cobra” display engine. It includes a monocular display and onboard processor, built-in memory, camera recording features and wireless connectivity capabilities. And it’s been purpose-designed for commercial, professional, and prosumer users.

Pre-installed apps can be used to track timed events, manage your calendar, and link to your phone and more. The HD camera records, stores, plays back still pictures and streams video. The M3000 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 M3000 provides most of the features and capabilities of a modern smartphone, in a hands-free wearable device. Bluetooth 4.0 connectivity makes it ideal to pair with Android and iOS devices or connect wirelessly with Wi-Fi to the Internet. An integrated head tracking and GPS system provide apps with your location, the direction and angle of your current view for unprecedented situational 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 M3000 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 M3000 delivers an updated ergonomic design with enhanced waveguide optics, functionality and wearability.



VUZIX® M3000 Smart Glasses

View the Future®

TECHNICAL SPECIFICATIONS

Optics and Electronics

- Display: DLP WVGA color display
- Waveguide based see through optics
- Field of view (diagonal): 20 degrees, equivalent to 5 in. mobile device screen seen at 14 in.
- Brightness: >3000 nits
- 24 bit color
- Supports left or right eye use
- Intel Atom CPU
- 2GB system RAM
- 16GB internal flash memory
- Android 6 OS

Controls (always on)

- 4 standard Android control buttons
- Remote control app – runs on paired Android and iOS devices
- Voice control – customizable and supports multiple languages
- 2 axis touch pad with gesture

Sensor Systems (always on)

- Proximity inward facing
- Proximity ALS outward facing

Integrated Head Tracker (always on)

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

GPS

- Integrated

Battery

- 100 mha internal battery supports hot swapping of external batteries
- Options for up to 5000mha rechargeable external battery packs
- Choice of batteries built into frame or belt pack
- 2 – 12 hours of operation based on option

Audio

- Ear speaker
- Noise canceling microphones

Camera

- 13 megapixel stills
- 1080p video
- Image stabilized auto-focus
- Flash/scene illumination

Universal Mounting Options Available

- Over the head
- Safety glasses
- Eyeglass frames with or without lens
- Fits over user's glasses
- Works with safety helmet

Connectivity

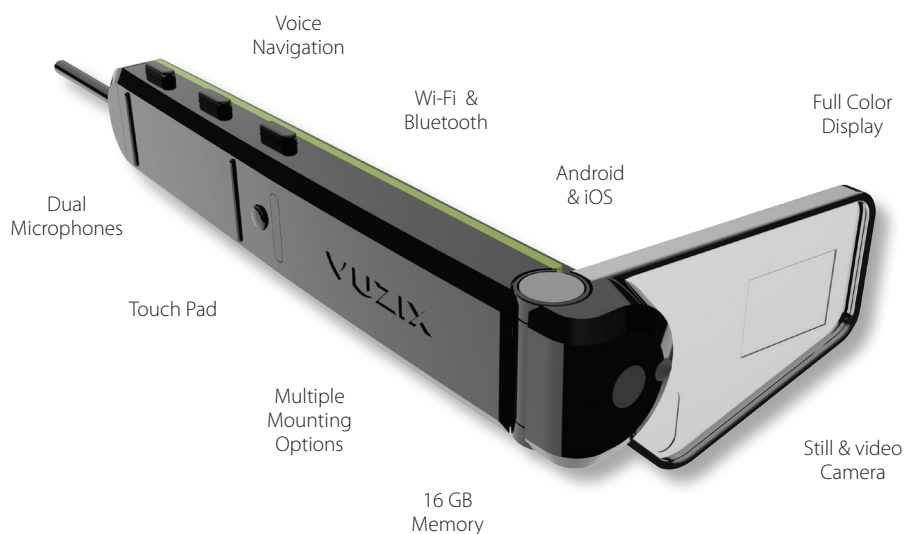
- imicroUSB 2.0 HS
- Wi-Fi b/g/n/ac – Dual-B 2.4/5 Ghz
- MIMO 2x2
- BT 4.1/2.1+EDR

Supported Host Devices Software

- Android and iOS

Specifications subject to change without notice.

M3000 Smart Glasses Featuring Advance Waveguides



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NASDAQ: VUZI

CORPORATE OFFICE

Vuzix Corporation
25 Hendrix Road, Suite A
West Henrietta
NY 14586
P 585-359-5900
TF 800-436-7838
F 585-359-4172
www.vuzix.com

EUROPEAN OFFICE

Vuzix (Europe) Ltd.
St. John's House,
5 South Parade
Summertown, Oxford
UK OX2 7JL
P +44 (0) 1865 865506
E info@vuzix.co.uk
www.vuzix.co.uk

TOKYO OFFICE

Vuzix Corporation
4-1-1, SHIMA Akasaka Bldg. 8F
Akasaka, Minato-ku
Tokyo 107-0052
P +81-3-6234-4170
F +81-3-6234-4595
www.vuzix.jp