

# VUZIX®

## iWear® Video Headphones



### **The perfect wearable display for mobile entertainment, gaming and VR**

**The Vuzix iWear® is a high-end pair of mobile video headphones providing users with an incomparable level of video and audio performance.**

At the heart of the CES Award Winning iWear® Video Headphones is a pair of dazzling 16:9 high-definition displays with a large 55° field of view. It's comparable to watching a 125" home theatre screen viewed from 10 feet away. And the iWear® supports HDMI inputs, so users can hook up to their 3D Blu-ray player, tablet, console system, PC, and mobile smartphones.

With twin million color pixels per eye, the iWear® has one of the highest pixel density images available, providing crisp high-resolution imagery. And the amazing audio comes with noise-isolating over ear design delivering crystal clear sound integrity with perfect pitch highs and a thundering base.

Built with comfort in mind, the iWear® is sleek, lightweight, balanced and compact. The wearable floating display design provides minimal face contact ensuring maximum comfort over many hours of use.

For gaming and virtual reality there's integrated tracking for the next level of immersion, accurately tracking head orientation and movement. When the wearer's head rotates, the image of the virtual world matches the motion naturally in real-time, resulting in "see where you look" head tracking. Connect to your drone's camera and be in the cockpit or view 360-3D videos and be transported around the world. The ready to play iWear® is built around industry standards and supports leading gaming engines like Unity 3D and the new OSVR alliance of which Vuzix is a member.



# VUZIX® iWear® Video Headphones

View the Future®

## TECHNICAL SPECIFICATIONS

### Video

- Equivalent to a 125" screen viewed from 10'
- Twin one million color pixel HD displays (1280 x 720)
- Floating display design for minimal face contact and maximum comfort
- 55° diagonal field of view in a 16:9 widescreen aspect ratio
- 24-bit true color (16 million colors)
- Standard HDMI 2D and 3D video support (side-by-side, over-under, and frame packed)



### Audio

- Driver unit: 40 mm, PET diaphragm
- Noise-isolating over the ear design
- Frequency response: 20Hz to 20kHz
- Electronic equalization with presets
- 2 noise canceling microphones

### Head Tracking

- 3 axis gyro, 3 axis accelerometer
- 3 axis magnetic sensors (compass)

### Input / Output

- HDMI and USB connectors
- Input resolutions: up to 1920 x 1080p
- Ultra-thin single cable connection to iWear®



### General

- Built-in rechargeable lithium battery
- Mobile operation with up to 3 hours continuous operation on internal battery
- USB port for battery charging or external continuous power (> 1 amp required)

- USB microphone and audio support
- Collapsible, folds up for compact portability
- Immersive light-shield included
- Optional AR camera add-on
- Optional point cloud sensor

### Box Contents

- iWear® with carrying pouch
- Immersive light-shield
- AC charging adaptor
- Quickstart, warranty and safety instructions (full manual by digital download)

*Specifications subject to change without notice..*

View our iWear Video



## Feature-Packed HD-3D Video Headphones



**VUZIX®**  
View the Future®

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](http://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](mailto:info@vuzix.co.uk)  
[www.vuzix.co.uk](http://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](http://www.vuzix.jp)

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Rev 01-01-2016