



# VUZIX SHIELD™

## Vuzix Shield™ is a revolutionary leap for enterprise AR smart glasses.

Lightweight, stylish, prescription ready safety glasses and powerful 8-core CPU combine to deliver a singular wearable experience.

Connect to the metaverse accessing IT sensors, instructions, or live remote guidance, leaving your hands free. Scan codes with an advanced reader or wirelessly stream video from the field all enabled through voice or touch. With the world's first miniature microLED stereo displays, Vuzix Shield connects smart workforces with AR systems for optimized performance, safety and operational efficiency.

**Stay focused in any work environment:** Vuzix Shield's slim, binocular waveguides are powered by a pair of tiny, highly efficient microLED projectors.

At 1 micron in size, the high density pixel arrays generate crisp video with contextual information to keep you working heads up and hands free.

**Total control by voice or touch:** Built-in Over the ear noise-cancelling speakers allow for flawless audio and advanced voice/UI interactions. Use the touchpad for ultimate versatility.

**Keep your eyes safe, all day long:** Vuzix Shield's ANSI Z87.1 safety certification and self-contained dual temple batteries will keep you comfortably protected and powered up for hours.

**Access the information you need:** Enhancing hands-free operation, the on-board processor wirelessly communicates with other devices via Bluetooth.

**Connect to critical systems:** Join Wi-Fi networks or leverage your phone's built-in LTE network connection via Wi-Fi hotspot.



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## TECHNICAL SPECIFICATIONS

### OPTICS

- See through Waveguide optics
- Displays: microLED monochrome green
- High brightness, high output

### CPU

- 8 core CPU running Android 11

### POWER

- Batteries in each temple

### CONTROLS

- Voice control – supports multiple languages and accessible to 3rd party integrators via SDK
- Capacitive touchpad on side of glasses that will support left/right/up/down swipes and one- or two-finger taps.

### AUDIO

- Integrated stereo speakers
- Digital noise-cancelling microphones

### CERTIFICATIONS

- ANSI Z87.1 safety certification

### CAMERA

- Stereo 13-megapixel cameras with auto-focus
- Up to 4K 30fps video
- Integrated privacy LED
- Advanced optical reader includes barcode scanner

### CONNECTIVITY

- USB 3.1 Gen2 over USB-C
- Wi-Fi 802.11/b/g/n/ac 2.4/5GHz
- Bluetooth 5.0 BR/EDR/LE
- Notification support with Android and iOS devices.