



VUZIX SHIELD™

Smart Safety Glasses

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: Over the ear noise-cancelling headphones 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 WiFi networks or leverage your phone's built-in LTE network connection via WiFi hotspot.

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TECHNICAL SPECIFICATIONS¹

OPTICS

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

CPU

- 8 core CPU running Android 10

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. The touchpad will be usable with gloves on.²

AUDIO

- Integrated stereo speakers
- Digital noise-cancelling microphones
- Speakers are used for music playback, notifications, instructions, and phone calls.
- Bluetooth audio functionality

NUMEROUS COLORS IN DEVELOPMENT

CERTIFICATIONS

- ANSI Z87.1 safety certification³

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
- Companion application for Android and iOS devices to come
- Support notifications with Android and iOS devices including text messages, email and phone calls to come

¹Specifications are subject to change ³Certification pending

²Use depends on glove type

vuzix.com/pages/vuzix-shield

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NASDAQ: VUZI

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