



VUZIX BLADE 2™

Performance AR eyewear for the deskless workforce

Vuzix Blade 2™ smart glasses deliver advanced waveguide technology in a stylish, grab and go form factor designed for the AR-enabled workforce.

Stream video at up to 60fps to share your view with colleagues and get remote guidance from anywhere; access real-time data, work instructions and mixed reality for the workplace.

See-through waveguide optics provide a private, ultrabright display delivering crisp full-color images both indoors and in sunlight. The slim, lightweight form factor was designed for comfort, and is available with optional prescription inserts. With a variety of apps available, noise-canceling microphones, and an ANSI Z87.1 certification, the Vuzix Blade can tackle almost any AR work assignment.





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TECHNICAL SPECIFICATIONS

OPTICS

- Display resolution: 480x480 color display
- Display type: Waveguide Projection Technology
- Aspect ratio: 1:1
- Field of View (diagonal): 20 degrees, equivalent to a 6" mobile device held at arm's length (17")
- Brightness: > 2000 nits
- 24-bit color
- Supports right eye display
- Prescription inserts available
- All lenses UV protected

CERTIFICATIONS*

- Full UV protection lenses plus ANSI Z87.1 safety certification

CONNECTIVITY

- USB 2.0 Micro-B
- 5.0 and 2.4GHz Wi-Fi and Bluetooth

CONTROLS

- Multilingual voice control compatible
- 2-axis touchpad with multi-finger support
- Companion app for Android & iOS devices

AUDIO

- Integrated stereo in-temple speakers
- Dual noise-cancelling microphones

CAMERA

- 8 megapixel camera
- Auto-focus
- Streaming video
- Integrated barcode scanner

INTEGRATED HEAD TRACKER

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

ENVIRONMENT

- Operating temperature 0°C to 35°C
- Operating humidity 0% to 95% RH
- Storage temperature -30°C to 70°C
- Storage humidity 0% to 95% RH

SYSTEM FEATURES

- Android 11 OS
- Quad Core ARM CPU
- 40GB built-in memory
- Internal LiPo rechargeable batteries