



Vuzix M4000 – The revolutionary Waveguide optics as a "see-through display"

- ✓ Innovative waveguide optics for unrestricted view and optimal information display
- ✓ Strong performance through specially developed hardware components
- ✓ Robust and waterproof design for use in various areas
- ✓ Intuitive operation by head movement and voice command with pre-installed special apps
- ✓ Multiple IEC 60601 certificates for safe and efficient use, even in particularly sensitive environments

Features

All-day comfort with a weight of **only 100 g**

Bright "see-through" **waveguide with wide 28-degree field of view**

Hot-swappable to prevent downtime when changing batteries

3,350 mAh Anker powerbank, goggles and headband included with the Extended Series

Powerful **runtime of up to 12 hours**, depending on battery choice and application

Never miss a detail with **autofocus and 4K video streaming at 30 frames** per second through the 12.8 million pixel PDAF camera

IP67 certified protection against dust and water, **drop-proof up to 2 m**

Optional accessories

Safety glasses frames, small and large available

Frames without lenses

Headband

Hard hat mount

Peltor headphone mount

Baseball Hat

Baseball hat holder

various power banks

Charging cable

Headband

OPTICS

- See through Wave Guide optics²
- Display resolution: WVGA color display 854x480
- Display type: DLP
- Aspect ratio: 16:9
- Field of View (diagonal): 28 degrees, equivalent to a 8.5" mobile device screen seen at 17"
- Brightness: > 1000 nits
- Contrast: > see through 500:1
- 24-bit color
- Supports left or right eye use

SYSTEM

- 8 Core 2.52Ghz Qualcomm XR1
- 6GB LPDDR4 System RAM
- 64GB internal flash memory
- Android 9.0 OS
- OS and apps OTA upgradeable
- MDM available from multiple partners

CERTIFICATIONS³

- Drop safe to 2 meters
- IEC60601-1-2:2014 Medical Device
- IP67 rated protection against water and dust (Longevity Series)

UNIVERSAL M-Series RAIL FOR VARIOUS MOUNTING OPTIONS

- Vuzix M-Series Rail Eyeglass safety glasses frames (medium included)
- Viewer weighs less than 3.5 oz.
- Ball cap mounts
- Safety glasses frames, small and large available
- Hard hat mount
- Headband mount (**included**)
- Peltor headphone mount

BATTERY

- 135 mAh internal battery supports hot swapping of external batteries
- 750 mAh IP67 certified USB-C battery with 3-level LED indicator (Longevity Series)
- Extended life 3350 mAh USB-C battery (Extended Series)
- Can be powered by 3rd-party USB battery packs in place of head-worn battery
- 2 – 12 hours of operation based on external battery choice

CONTROLS

- 3 control buttons
- Voice control – customizable and supports multiple languages
- 2 axis touchpad with multi-finger support

AUDIO

- Integrated speaker (up to 97db output)
- Triple noise-cancelling microphones
- BT audio: HSP / A2DP

CAMERA

- Up to 12.8-megapixel stills
- Up to 4k30fps video
- Improved auto-focus (PDAF)
- Improved optical image stabilization
- LED flash/scene illumination
- Barcode scanning

CONNECTIVITY

- USB 3.1 Gen 2 on USB Type-C
- Wi-Fi 2.4/5Ghz 802.11 a/b/g/n/ac
- Bluetooth 5.0 BR/EDR/LE

INTEGRATED HEADTRACKER

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

GPS

- GPS / GLONASS

ENVIRONMENT

- Operating temperature -20°C to 45°C/-4°F to 113°F
- Operating humidity 0-95% RH
- Storage temperature 10-45°C
- Storage humidity 0-95% RH