



VUZIX M400
WITH HAT MOUNT

VUZIX M400™

The optimal balance of performance and comfort

Our flagship device, Vuzix M400 smart glasses are widely recognized as the most versatile AR workplace tool on the market. Why? They're designed for all-day comfort and come equipped with the Qualcomm XR1 platform to power a huge variety of enterprise applications. Flexible mounting options make them compatible with almost any PPE, and the IP67 rating gives you peace of mind that this device is waterproof and ruggedized for the roughest jobs.

Vuzix optics have defined the AR industry, and the M400 takes full advantage of our energy-efficient, ultrabright OLED display system. Share your perspective in superior detail with our 4K video streaming auto-focus camera, and get the remote assistance you need in real time. With noise-cancelling microphones, wide field of view, and voice inputs, you can keep critical data right where you need it while staying hands-free and heads-up.

VUZIX M400 XTREME KIT
WITH ALL-DAY COMFORT
HEADBAND AND 3200mAh
XTREME WEATHER
POWER BANK



VUZIX M400™

DEVICE SPECIFICATIONS

OPTICS

- Display resolution: nHD color display
- Display type: OLED
- Aspect ratio: 16:9
- Field of View (diagonal): 16.8 degrees, equivalent to a 5 in. mobile device screen seen at 17 inches
- Brightness: > 2000 nits
- Contrast: > 10,000:1
- 24-bit color with true black
- Supports left or right eye use

SYSTEM

- 8 Core 2.52Ghz Qualcomm XR1
- 6GB LPDDR4 memory
- 64GB internal flash storage
- Upgradable to Android 13 OS
- OS and apps OTA upgradeable
- MDM available from multiple partners

POWER

- 3200mAh Xtreme Weather Power Bank
- On-board 135 mAh battery to enable hot swapping for zero down-time

GPS

- GPS / GLONASS

CONTROLS

- 4 control buttons
- Voice control
- 2 axis touchpad with multi-finger support

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

AUDIO

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

CAMERA

- Up to 13-megapixel stills
- Improved auto-focus (PDAF)
- Streaming video at 1080p, 60fps
- LED flash/scene illumination
- Barcode scanning

INTEGRATED HEAD TRACKER

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

MOUNTING

- Vuzix all-day Comfort Headband with universal rail for a variety of mounting options

ENVIRONMENT

- Operating temperature -20°C to 45°C (-4°F - 113°F)
- Operating humidity 0-95% RH
- Storage temperature -30 to 70°C per MIL-STD-810H
- Storage humidity 0-95% RH
- IP67 rated protection against water and dust



CERTIFICATIONS

- Drop safe to 2 meters
- IEC6060-1-1-2:2014 Medical Device Safety and Performance certified
- ISO 14644-1 Class 2 Clean Room rating



Vuzix M400 in Action

FIELD SERVICE

92%

Average Field Service
Cost Reduction

40%

Reduction in
Onboarding Time

WAREHOUSING

37%

Faster Warehouse
Order Fulfillment

127%

Improvement in
Customer Satisfaction

MEDICAL

54%

Reduction in Medical
Operating Time

16%

Increase in
Surgical Accuracy