



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 RAM
- 64GB internal flash memory
- Android 11 OS
- OS and apps OTA upgradeable
- MDM available from multiple partners

### POWER

- On-board 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

- 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

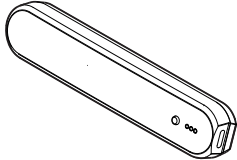

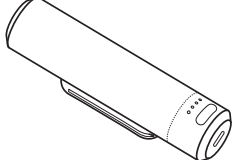

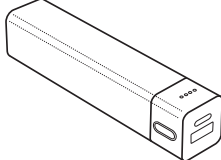



### CERTIFICATIONS

- Drop safe to 2 meters
- IEC60601-1-1-2:2014 Medical Device Safety and Performance certified
- ISO 14644-1 Class 2 Clean Room rating



## AVAILABLE KITS

	ALL-WEATHER KIT	XTREME KIT	EXTENDED WEAR KIT
BATTERY	 <p><b>750mAh All Weather Power Bank</b></p> <ul style="list-style-type: none"> <li>• IP67 rated protection against water and dust</li> <li>• Rated 0°C to 45°C (32°F - 113°F)</li> </ul> 	 <p><b>3200mAh Xtreme Weather Power Bank</b></p> <ul style="list-style-type: none"> <li>• IP67 rated protection against water and dust</li> <li>• Rated -20°C to 45°C (-4°F - 113°F)</li> </ul> 	 <p><b>4800mAh Extended Use Power Bank</b></p> <ul style="list-style-type: none"> <li>• High capacity for all-day run-time</li> <li>• Rated 0°C to 45°C (32°F - 113°F)</li> </ul> 
MOUNTING	Vuzix M-Series Lens-less Frames with Universal Rail	Vuzix All-Day Comfort Headband with Universal Rail	Vuzix All-Day Comfort Headband and Vuzix Safety Frames with Universal Rail