

VUZIX[®]
View the Future[®]



VUZIX M300XL

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TECHNICAL SPECIFICATIONS

OPTICS

- Display resolution: nHD color displays
- Aspect ratio: 16:9
- Field of View (diagonal): 16.7 degrees, equivalent to a 5 in. mobile device screen seen at 17 inches.
- Brightness: >2000 nits
- 24 bit color
- Supports left or right eye use
- Dual Core Intel Atom CPU
- 2GB system RAM
- Android 6 OS
- 64GB internal flash memory

UNIVERSAL MOUNTING OPTIONS AVAILABLE

- Eyeglass frames with or without lens
- Safety glasses
- Hard hat mount
- Headband mount

CONTROLS

- 4 standard Android control buttons
- Voice control – customizable and supports multiple languages
- 2 Axis touch pad with gesture

BATTERY

- 160mAh internal battery supports hot swapping of external batteries
- 860mAh smart external battery
- Supports USB batteries providing at least 1 Amp
- 2 – 12 hours of operation based on external battery choice

CONNECTIVITY

- MicroUSB 2.0 HS
- Wi-Fi b/g/n/ac – Dual-B 2.4/5 GHz
- BT 4.1/2.1+EDR

INTEGRATED HEAD TRACKER

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

AUDIO

- Ear speaker
- Dual noise canceling microphones

CAMERA

- Up to 10 megapixel stills
- Up to 1080p video
- Auto-Focus
- Optical Image Stabilization
- Flash/scene illumination

SENSOR SYSTEMS

- Proximity inward facing
- Proximity/ALS outward facing

