



Vuzix LX1 Smart Glasses – Hands-free productivity for warehouses, production and service



Robust and powerful for demanding environments

Resilient housing and robust construction for daily use. Long battery life ensures reliable operation even during long shifts.



Brilliant heads-up display for a clear view of tasks and data

High-resolution OLED display with high brightness and strong contrast – information remains easy to read even in bright environments.



Quick hands-free operation via voice and button control

Ideal when both hands need to remain free for work.



Integrated head tracking for intuitive navigation

Head movements are precisely detected and used for control. This reduces input and keeps the workflow fluid.



HD camera for remote support, documentation and barcode scanning

Photos and videos directly from the work process – without additional equipment.

Features

Display: High-resolution OLED, brightness: 2000 nits, contrast: 10,000:1, right or left

Audio: Noise-cancelling microphones, additional bone conduction microphone, 100 dB loudspeaker

Camera: Up to 12 MP photos, autofocus, 1080p/60fps streaming video, LED flash/lighting, barcode scanning

Operating system: Android 15

Processor: Qualcomm QCS4490, 8-core, 2.4 GHz

Memory: 128 GB internal memory, 6 GB RAM

Connectivity: Wi-Fi 6E, Bluetooth, NFC Tap-to-Pair

Battery: 7,000 mAh, replaceable

Additional features: Integrated head tracking

Protection: IP54

Operating temperature: -20°C to 45°C

Optional accessories

Charging station for multiple batteries

Headband with easy-to-release fastening system

Fastening for baseball cap

OPTICS

- Display: High resolution OLED
- Brightness: > 2000 nits
- Contrast: > 10,000:1
- Supports left or right eye use

SYSTEM

- Qualcomm® octa-core 2.4 GHz processor
- 6GB LPDDR5 RAM
- 128GB internal flash memory
- Android 15 OS
- MDM available from multiple partners

SECURITY

- Secure Boot; Verified Boot

POWER

- Removable 7000mAh battery

CONTROLS

- 4 control buttons
- Voice control

CONNECTIVITY

- Wi-Fi 6E
- Bluetooth 5.3
- NFC

AUDIO

- Integrated speaker
(up to 90db SPL at 5cm output)
- Triple noise-cancelling microphones

CAMERA

- Up to 12-megapixel stills
- Auto-focus
- Streaming video at 1080p, 60fps
- LED flash/scene illumination
- High accuracy barcode scanning

INTEGRATED HEAD TRACKER

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

MOUNTING

- Variety of mounting options including cap, hardhat, headband and more

ENVIRONMENT

- Operating temperature -20°C to 55°C
(-4°F - 131°F)
- Operating humidity 0-95% RH
- Storage temperature -20° to 60°C
per MIL-STD-810H
- Storage humidity 0-95% RH

