



## 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

