



## Hands-Free Performance in Demanding Conditions

Purpose-built for hands-free operation in the field or warehouse, Vuzix LX1™ smart glasses enhance productivity by combining a powerful onboard processor and heads-up color display. With integrated voice control and at-a-glance access to workflows, AI agents, and picklists, workers can tackle any field maintenance, inspection, or pick and pack duty without taking their eyes off the task at hand.

The Vuzix LX1™ is built to withstand the toughest environments. Its rugged durability, freezer rated operating temperatures down to -20°C, and a full-shift 7000mAh battery make it the perfect tool for extreme duty. A powerful 12MP camera, Qualcomm® processor, and enhanced microphone array enable continuous, voice activated scanning and streaming for a safer, more efficient workforce.

## DEVICE SPECIFICATIONS

### 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

