



The first industrial data goggles with smartphone display - via WLAN and Android app



Lightweight and robust - only 95 g and drop-proof up to 2 metres

Thanks to its low weight, the Nexō is particularly comfortable to wear and at the same time suitable for use in demanding industrial environments.



Smart control via app (smartphone, tablet, MDE device)

In addition, complete voice control.



Powerful hardware for independent operation

The device is a complete Android end device, which means that apps and individual settings can be used independently of the companion device.



16 MP camera with integrated laser pointer

The 4-axis phase detection autofocus (PDAF) and an LED light ensure clear images in all situations.



High security thanks to fingerprint sensor

For quick and easy user logins and protection against unauthorised access.

Features

Camera: 16 MP with autofocus, integrated laser pointer (class 2)

Operating system: Android 10 AOSP (soon Android 13)

Processor: 2.0 GHz 8 core Qualcomm® Snapdragon™ 662

Connectivity: WLAN, Bluetooth, Type C USB 3.0

Memory: 32 GB internal memory, 3 GB RAM

Audio: 2 digital microphones with integrated noise cancellation, 90 dBa speaker

Voice control: 13 languages (including: German, English, Spanish, French and Italian)

Protection: IP66, drop-proof up to 2 metres

Battery: 750 mAh Li-Ion

Additional features: 3.5 mm audio connection

Operating temperature: -20 to +50 °C

Weight: 95 g

Optional accessories

Workband

Helmet clip/mount

Magnetic helmet attachment

Carrying Case

Battery with extended capacity

Accessories Clip

Core Platform & Functions

- Operating System: Infinity OS voice operating system
- Chipset: 2.0 GHz 8- core Qualcomm® Snapdragon™ 662 with Kryo 260 CPU, Adreno 610 GPU — OpenGL ES 3.2 & OpenCL 2.0
- Languages Supported: Mandarin Chinese, Traditional Chinese, English, German, Korean, Japanese, Russian, Spanish, Portuguese, French, Italian
- Memory: 32 GB Internal Storage /3 GB RAM
- Included Applications: Document Navigator, Barcode Scanner, Camera, Media Player, Settings, Language Selector, OTA Upgrade, MoziConnect

Network Connections

- Bluetooth: BT 5.0 LE
- Wi-Fi: 802.11 a/b/g/n/ac – 2.4GHz and 5GHz

Tracking

- IMU: 9-DOF (3-axis accelerometer, magnetometer, and gyroscope), light sensor

Battery

- Capacity: Internal 750 mAh Li-Ion, rechargeable
- Battery Life: 4 hours (single battery), 15 hours with extended 5000mAh battery pack

Physical Characteristics

- Weight: 95g
- Ruggedization: IP66 rating, 2 meter drop
- Operating environment: -20°C to +50°C, 5% to 95% relative humidity (non-condensing)
- Dedicated Keys: Power button (with integrated fingerprint sensor) and programmable — Up button, Down button, Left button, Right button
- Interface: 3.5mm audio, Type-C USB 3.0

Interaction

- Voice: Full voice control
- Intelligent terminal operation: Wirelessly connect to Smart watch or Android phone (Need to download and install the Mobile Connection application), and operate the smart head-mounted camera through the Smart watch or Android phone

Audio

- Microphones: 2 digital microphones with active noise cancellation.
- Speaker: Internal 90 dBA loudspeaker

Multimedia

- Camera: 16 MP 4-axis, PDAF with LED flashlight, Class2 laser pointer
- Video: Supports 1080p @60fps, Codecs: VP8, VP9, H.264, H.265 HEVC

Accessories

Included:

- USB3.0 Type-C charging cable

Optional:

- Industrial power pack
- Charger
- Helmet clip/mount
- Workband
- Professional semirigid carrying case
- USB to type 3.0 adapter
- Smart watch
- Mobile 5G WIFI

Collaboration Apps*

- Microsoft Teams, Zoom, AMA Xperteye, TeamViewer Frontline, Wedium Remote Eye, Brochesia BView, Vsight, Telepresenz