



## 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

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

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**Operating system:** Android 10 AOSP (soon Android 13)

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**Processor:** 2.0 GHz 8 core Qualcomm® Snapdragon™ 662

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**Connectivity:** WLAN, Bluetooth, Type C USB 3.0

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**Memory:** 32 GB internal memory, 3 GB RAM

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

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

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**Protection:** IP66, drop-proof up to 2 metres

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**Battery:** 750 mAh Li-Ion

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**Additional features:** 3.5 mm audio connection

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**Operating temperature:** -20 to +50 °C

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**Weight:** 95 g

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## Optional accessories

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**Workband**

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**Helmet clip/mount**

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**Magnetic helmet attachment**

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**Carrying Case**

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**Battery with extended capacity**

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**Accessories Clip**

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## 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