



Custom made Android-based controller for Moverio smart glasses, featuring an integrated touchscreen and customisable user interfaces.

Designed for Moverio smart glasses, it's the perfect development platform and controller for digital and augmented reality applications. It supports commercial applications¹, including: remote assistance, visitor experiences in museums, theme parks and heritage sites; subtitling in theatres and cinemas; dental patient entertainment or intraoral scanning.

Flexible connectivity

Featuring a USB Type-C interface with DisplayPort Alt mode compatibility to communicate with Moverio smart glasses, and a second USB-C connection for battery charging, data transfer and external peripherals. Data connectivity can be managed by Wi-Fi, Bluetooth, and expandable 2TB storage. The controller also features an audio jack for CTIA type headsets.

Advanced sensors

The Moverio Intelligent Controller includes an array of sensors to support creative app development and advanced user experiences. Built-in sensors include GPS, 9-axis motion sensors, accelerometer and compass. It also features a high resolution camera with autofocus and flashlight, and a built-in speaker and microphone.

Intuitive usability

The controller is pocket sized and be easily used with one hand. The integrated touchscreen will be familiar to the user, while customisable user modes allow alternative ways to interact with the controller; including a trackpad mode and customisable controller key functions.

Versatile development platform

Running Android in combination with the Snapdragon XR1 processor, 4GB RAM and expandable storage up to 2TB, provides a powerful development platform for creating advanced applications for a wide range of use cases that could benefit from the Moverio smart glasses' unique capabilities.

KEY FEATURES

- **Advanced connectivity and sensors**
Future-proofed and fully featured
- **Intuitive user interface**
Integrated touchscreen and multiple user modes
- **Platform for custom app development**
Android operating system and XR1 processor
- **Designed for commercial use**
Tailor-made for commercial smart glasses applications

PRODUCT SPECIFICATIONS

CONTROLLER OPERATING SYSTEM

OS Type	Android 10
OS Update	OTA (over-the-air)
Google Play Support	No

CONTROLLER CPU AND MEMORY

CPU	Snapdragon XR1 2.52GHz Octa Core
RAM	4 GB
Internal memory	64 GB
External Memory	Micro SD (2GB max.), MicroSDHC (32GB max.), MicroSDXC (2TB max.)

CONTROLLER DISPLAY

Display type	IPS LCD
Panel size	2.95 inch wide panel
Pixel Number	409,920 (480 x 854)
Contrast ratio	800 : 1
Colour Reproduction	24 bit-color (16.77 million colors)
Refresh Rate	60 Hz

CONTROLLER SENSORS

Camera	13 million pixels
Camera Auto focus	Yes
Microphone	Yes
Global Navigation Satellite System	GPS, GLONASS, Galileo, QZSS, BDS
Compass	Yes
Gyroscope	Yes
Accelerometer	Yes
Proximity sensor	Yes
Ambient Light Sensor	Yes

CONTROLLER CONNECTIVITY

Connector ports	microSD card slot, USB Type-C (DisplayPort Alt, USB 2.0, USB 3.0), USB Type-C (USB 2.0), 3.5mm audio jack (CTIA with microphone)
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OTHER

Warranty	24 months Carry in
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LOGISTICS INFORMATION

SKU	V12HA24140
EAN code	8715946716503
Country of Origin	China

BO-IC400N

WHAT'S IN THE BOX

- User manual
- Main unit

OPTIONAL ACCESSORIES

- Moverio Controller Holder - BO-CH400 V12HA59W01



* Warranty offers are not available for all countries. Please contact your local Epson representative.

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1. Requires existing or custom software solutions.

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