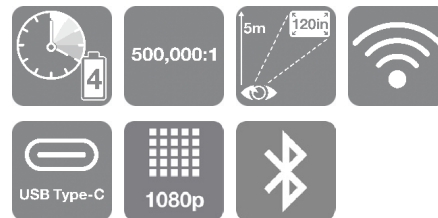


Moverio BT-40SN



DATASHEET / BROCHURE



Moverio BT-40SN all-in-one smart glasses include a custom-made intelligent controller and offer advanced optical technology with Full HD 1080p resolution, wide field of view and vivid colour reproduction.

The BT-40SN can produce immersive experiences while the user maintains situational awareness. Rich colours and high contrast mean that 2D and 3D rendering appear true-to-life, with transparent unused display space for enhanced content overlays. These all-in-one smart glasses include the Moverio Intelligent Controller, running Android for custom software integration, and support a range of commercial applications, including: visitor experiences in museums, theme parks and heritage sites; subtitling in theatres and cinemas; patient entertainment or intraoral scanning in dental practices.

Make theatres more accessible

Expand audience reach and accessibility by providing spectators with an improved subtitling experience at theatres and cinemas, thanks to the BT-40SN's advanced see-through binocular display. Make any performance a captioned performance with the ability to view multiple languages, in comfort, from anywhere in the auditorium, without affecting the ambience and architecture. Users can benefit from a customisable experience and can focus on the performance with the subtitles overlaid in their field of view¹.

Create unforgettable visitor experiences

The Moverio BT-40SN is a versatile and comfortable display solution that creates a truly immersive experience for visitors, while allowing them to stay aware of their surroundings. Trips to museums, theme parks, heritage sites and other visitor attractions can be greatly enhanced with the addition of augmented 2D and 3D digital content overlaid to create 360 degree reconstructions and provide enriched information without physically altering the environment¹.

Transform dental practices

These all-in-one smart glasses can enhance the intraoral dental scanning procedure for dentists by bringing the camera feed into the field of view of the dentist, allowing complete focus on the patient and the task at hand. Dental patients can also benefit from a comfortable and customisable entertainment solution¹.

See every detail

Epson's Si-OLED technology provides excellent colour reproduction and a bright, crisp viewing experience. The Full HD 1080p display further enhances each detail, and the large display area is the equivalent of viewing a 120-inch screen from five metres away.

Wear with comfort

With the see-through binocular display you'll maintain full awareness of your surroundings and enjoy a heads-up and hands-free viewing experience. Moverio BT-40SN smart glasses have been developed to replicate the familiar, comfortable fit of conventional prescription glasses. The ergonomic headset design features advanced weight distribution, flexible temples and optional nose pads to improve comfort for long term usage. These smart glasses can even be worn over prescription glasses.

KEY FEATURES

- **See-through binocular display**
Maintain situational awareness while experiencing digital content
- **Image quality**
Si-OLED technology and Full HD 1080p display
- **Ergonomic**
Lightweight design with flexible temples for different head sizes
- **Moverio Intelligent Controller**
Integrated touchscreen for multiple user interfaces
- **Connectivity and sensors**
Future-proofed for custom app development

PRODUCT SPECIFICATIONS

OPTICAL

Model Type	See-through binocular OTG (Over the Glasses)
Optical technology	Si-OLED (Silicon - Organic Light-Emitting Diode)
Panel size	0,45 inch wide panel (16:9)
Pixel Number	2.073.600 pixels (1.920x 1.080) x RGB
Field of View	Approx.34 °
Screen Size (Projected Distance)	120 inches at5 m
Colour Reproduction	24-bit colour (16.77 million colours)
3D support	Side By side
Contrast ratio	500.000 : 1

HEADSET SENSORS

Compass	Yes
Gyroscope	Yes
Accelerometer	Yes
Ambient Light Sensor	Yes

HEADSET CONNECTIVITY

Connection type	USB Type-C
Video Interface	Display Port Alternate Mode
Display Port Version	1.2
Audio Interface	3.5mm audio jack

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 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

Video Interface	Display Port Alternate Mode
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OTHER

Warranty	24 months Carry in Optional warranty extension available
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LOGISTICS INFORMATION

SKU	V11H969240
EAN code	8715946716480
Country of Origin	Philippines
Layer	60 Units

Moverio BT-40SN

WHAT'S IN THE BOX

- User manual
- Main unit

OPTIONAL ACCESSORIES

- Moverio BT-40/BT-40S Nose Pad Pack - BO-NP350 V12HA50W01
- Moverio BT-40/BT-40S Nose Pad Pack - BO-NP300 V12HA51W01
- Moverio BT-40/BT-40S Shade Pack - BO-SP400 V12HA49W01
- Moverio Controller Holder - BO-CH400 V12HA59W01

