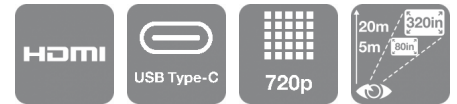


Moverio BT-35E

DATASHEET / BROCHURE



Expanding the scope of connectivity and usability with a responsive display for healthcare, engineering, commercial drone piloting and more.

With the BT-35E, users can focus on the task at hand with these hands-free Si-OLED-powered binocular see-through smart glasses that can deliver a range of content at low latency from a range of devices using HDMI or USB-C connectivity. These durable and comfortable smart glasses are designed to be worn by a range of users or visitors.

Designed for user hardware and heavy usage

Instead of utilising its own controller running Android, this model features an interface box allowing for other devices to be connected via HDMI or USB-C for low latency. The design and wearability is key, and the BT-35E is designed with commercial applications in mind. Its durable build and features designed for comfort mean it can be repeatedly worn by lots of users, fitting comfortably for long periods of time, no matter their head shape and size, or if they wear glasses.

High contrast for true AR

With the BT-35E, unused display space appears truly transparent thanks to our Si-OLED micro display technology and its high contrast ratio of 100,000:1. This means augmented content can be immersively overlaid onto the real world.

Amazing image quality and performance

720p HD display and high brightness ensure a crisp image and vivid colours. The smart glasses can also deliver 3D content.

Easy management and operation

The BT-35E can be used both outdoors and indoors thanks to the flip-up shade, or completely hands free thanks to the neck strap. Two years' warranty and additional warranty are available on purchase via our Cover+ packs.

KEY FEATURES

- **Eyes on the task at hand**
Keep focussed on your activity through the power of AR
- **Durable and flexible design**
Designed to be worn easily by a wide range of users
- **HDMI and USB-C connectivity**
Deliver a low-latency experience
- **Amazing image quality**
HD display (720p) & high brightness ensure a crisp image and vivid colours
- **Ideal for commercial applications**
Such as healthcare, engineering, commercial drone piloting and more

PRODUCT SPECIFICATIONS

TECHNOLOGY

Model Type See-through OTG (Over the Glasses)

OPTICAL

Display Device Type Si-OLED (Silicon - Organic Light-Emitting Diode)
Driving Method Mono Crystalline Silicon Active Matrix
Display size 0.43 inch wide panel (16:9)
Pixel Number 921,600 pixels (1,280x 720) x RGB
Screen Size (Projected Distance) 40 inches at 2.5 m - 320 inches at 20 m
Colour Reproduction 24 bit-colour (16.77 million colours)
Refresh rate 30 Hz

SENSORS

Camera 5 million pixels
Compass Yes, Headset only
Gyroscope Yes, Headset only
Accelerometer Yes, Headset only
Microphone Optional
Ambient Light Sensor Yes

CONNECTIVITY

microUSB USB 2.0
Connector ports micro-USB, 4 pin mini jack (earphones with microphone complying with the CTIA standard) x1, USB Type C, HDMI

USER INTERFACE

Function key 2D/3D, Brightness, Volume (+/-), Power

SUPPORTED FILE FORMATS

3D supports Side By side

CONNECTION TERMINAL

USB I/O Micro-USB

GENERAL

Power Supply Voltage: AC adapter 100 V - 240 V AC +/- 10%, 50 Hz/ 60 Hz, with Micro USB cable
Dimensions: Headset 194 mm x 176 mm x 30 mm (D x W x H)
Dimensions: Controller 85 mm x 52 mm x 15 mm (D x W x H)
Weight Headset 119 g
Storage Temperature 10 °C- 60 °C / 10 %- 90 % (no condensation)
Power Supply Voltage Controller 5 V, 2 A (when AC adapter connected)
Weight Controller 45 g

LOGISTICS INFORMATION

SKU V11H935041

EAN code 8715946656663

Country of Origin Philippines

Moverio BT-35E

WHAT'S IN THE BOX

- AC adapter
- Belt clip
- Carrying Case
- Flip-up shade
- Headset
- Interface box
- Micro-USB cable
- Mounting screw
- Cable retainer
- User's Manual Set



For more information please contact:

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Business users*: 0871 42 37766
Republic of Ireland: 01 436 7742
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