

MOVERIO BT-30C

Smart Glasses

EPSON
EXCEED YOUR VISION



**IMMERSIVE HANDS-FREE
BORDERLESS EXPERIENCE.**



Enhance your personal theatre experience with no compromise to your privacy anywhere with the Epson Moverio BT-30C. Using Epson's unique Si-OLED display, the BT-30C can bring to life large-screen, high-definition images in entirely new ways to you. BT-30C transforms and enriches today's activities with the future's technology and expertise. Watch your imagination come to life today.



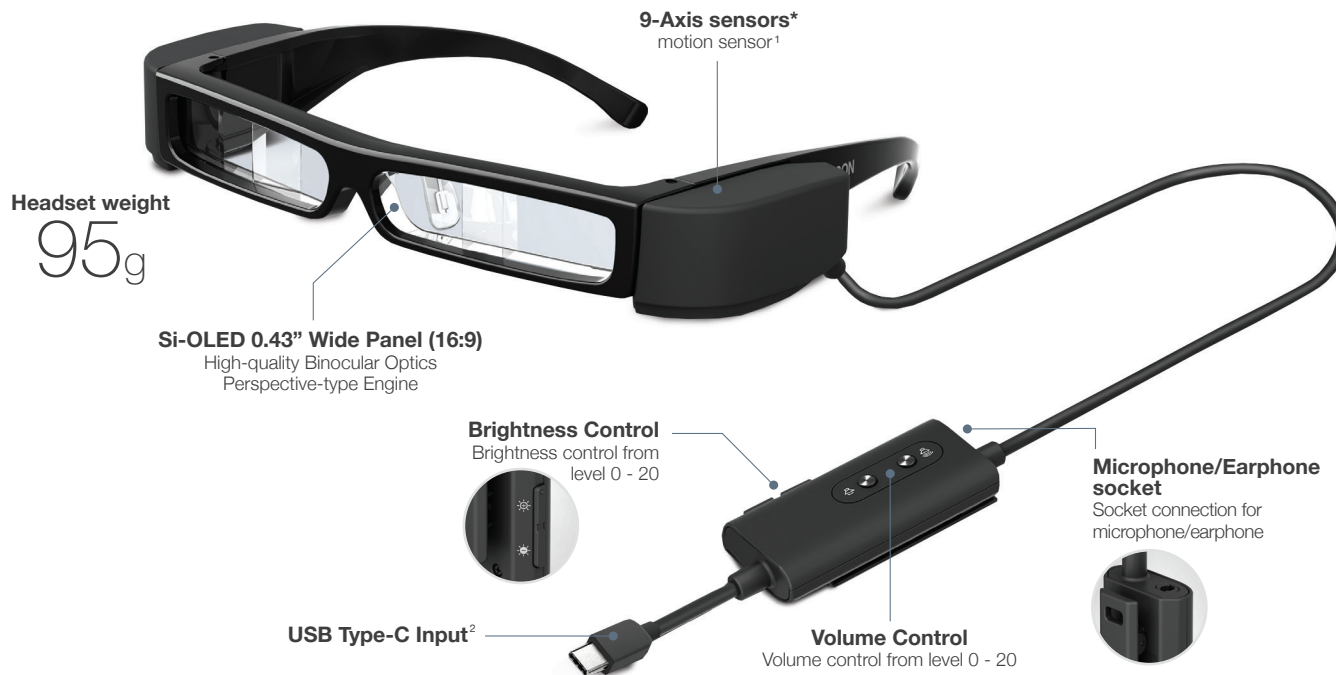
IT'S IN THE DETAILS.

Si-OLED display technology delivers richer colours and brighter contrasts for quality augmented reality experience.

MOVERIO BT-30C

Smart Glasses

I Headset



¹ To operate sensors on Android OS, you need to develop a dedicated app with a SDK provided by Epson. To operate sensors on Windows, you need to develop a dedicated app with a SDK provided by Windows. Refer to the developers site: <https://tech.moverio.epson.com/en/bt-30c/document.html>

² This product only supports USB Type-C Display Port Alternate Mode.

There is no guarantee that this product will function normally with the use of a USB splitter or conversion cable.

I Controls

Features of Moverio BT-30C

High Definition See Through Display



Silicon OLED display to bring forth large private screen and high definition display experience.

Plug-and-Play



Simply connect to your smart device and enjoy the use of existing apps.

Lightweight



Provides a comfortable wearing experience to be easily used anytime, anywhere.

When to use Moverio BT-30C

Commuting on Public Transportation



Enjoy watching videos or reading articles without your privacy being intruded.

Long Trips



Watch movies or read confidential documents safely with private screen experience.

At Home, At the Café, In the Library

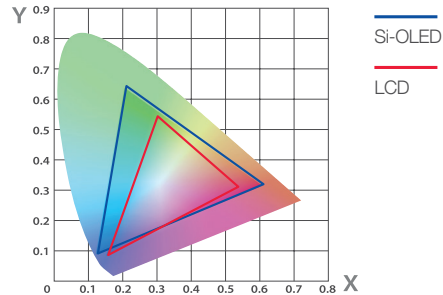


Achieve a personal theatre experience in your own comfort, watching movies in any posture.

High-definition Display

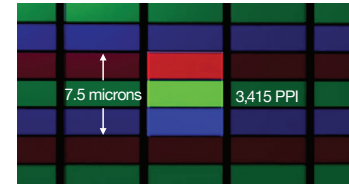
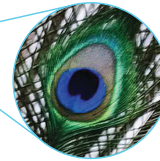
Bright and Rich Colour Reproduction

Ensures bright and rich colour reproduction by occupying 85% of NTSC colour space and supports 20,000 hours of light source light time.



Compact and Lightweight with silicon OLED display

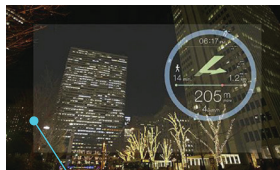
A drastic weight reduction through the evolution of the optics engine.



Seamless AR Integration

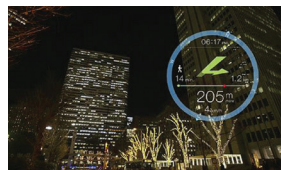
Seamless AR Integration with distinct contrast made possible through a high-resolution and high-quality display.

BT-200
(contrast ratio 230:1)



Presence of Display's Boundaries.

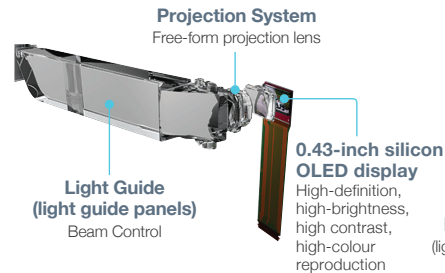
BT-30C
(contrast ratio 100,000:1)



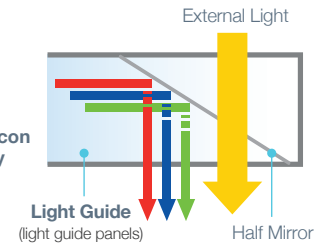
Boundaries of Display's Interface Disappears.
A more natural AR experience.

0.43 inch silicon OLED display

The optics engine has been downsized by utilising OLED's characteristics and brilliant control in direction of light.



BT-30C Optics Engine

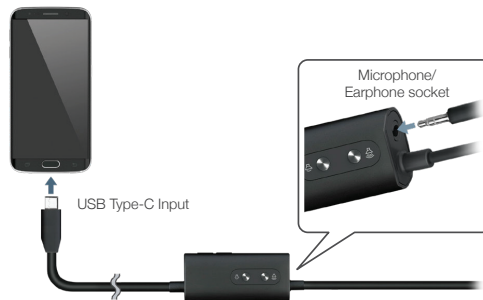


Principle of Optics System

Smart Devices Connection

Connecting with your smart devices

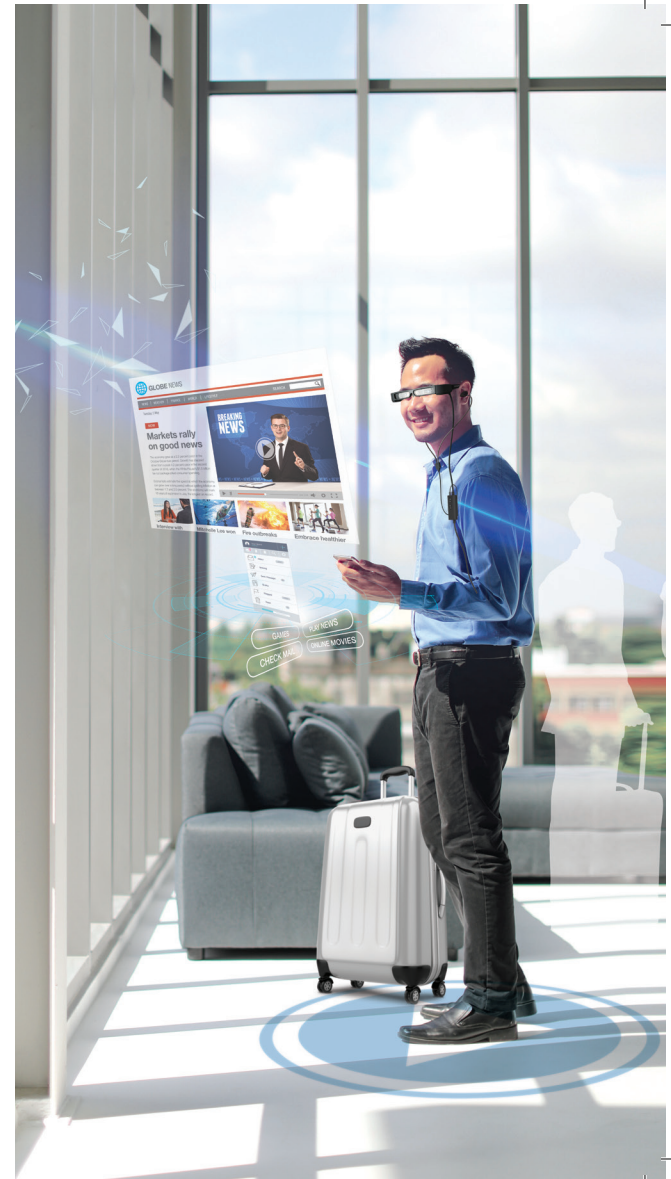
- Connects with smart devices¹ that support USB Type- C Display Port Alternate Mode.
- Simply connect earphones² to earphone socket to listen to audio and utilise microphone function.



¹ Moverio BT-30C is compatible with Windows 10 or higher, and devices on Android 7.0 or later. It does not support USB splitter or USB gender changer extensions. There might be some incompatible models depending on the manufacturer. For more information, please visit www.epson.com

² Earphones that comply with the CTIA standards. When using 3-pin earphones, the microphone function will not work with Moverio BT-30C.

This product is powered by the battery in your smart device.
Ensure that the smart device has sufficient battery capacity before using it.

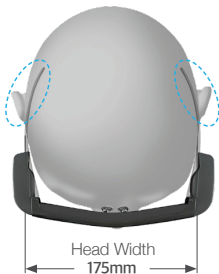
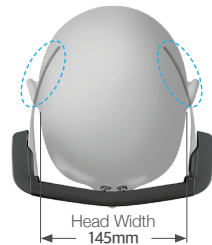


Wearing MOVERIO

Comfortable wearability

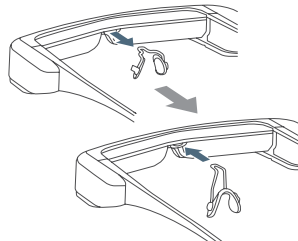
An improved design for comfort when wearing it for a long duration through better weight distribution.

Temple cushions provided for users with smaller head width.¹

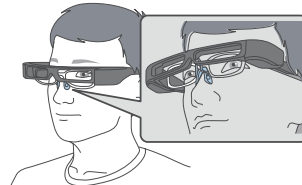


Wearing BT-30C over spectacles

Nose pad provided for spectacles users to allow BT-30C to be worn over spectacles.²



- 1 Remove the nose pad by pulling it forward.

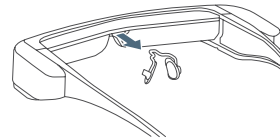


- 2 Attach the nose pad for glasses use to the headset.

Attaching lenses to the headset

Lens holder are provided for users that seek the ease of wearing BT-30C without spectacles.

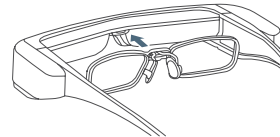
Optician can attach lenses to the lens holder which can be attached to the BT-30C.³



- 1 Remove the nose pads from the headset.



- 2 Attach the nose pad to the lens holder.



- 3 Attach the lens holder to the headset.

Magnetic shades for enhanced viewing experience

By attaching magnetic shades on BT-30C, movie theater-like experience is achieved even in bright environment.



Light shield

¹ Temple cushion to support head width from 140mm to 175mm.

² Headset can only be worn over spectacles for head width approximately about 145mm.

³ Cost of lenses and services of optician is to be borne by the customer.

MOVERIO Link

MOVERIO Link is an app for Android devices. MOVERIO Link can be downloaded from the Google Play store.

Key Features

- Adjustable screen brightness and volume level via the app
- Screen lock function of smart device
- 2D/3D* mode support (*3D split format)

MOVERIO Link - Apps for Android devices

From the home screen, pull down the notification banner
Open the 'MOVERIO Link' app.

Adjust Brightness

Close

Adjust Screen Brightness

Smart glasses' screen brightness can be adjusted within a range of level 0 - 20.

2D
3D

2D/3D

2D/3D mode can be used for 2D/3D conversion. It is possible to implement left/right split for 3D contents.

Settings

Power Saving

Prevent Accidental Operation

Notification of Reduced Sensor Accuracy

Other Settings

User can toggle into different modes such as power saving, prevent accidental operation, and others.

Adjusting Volume

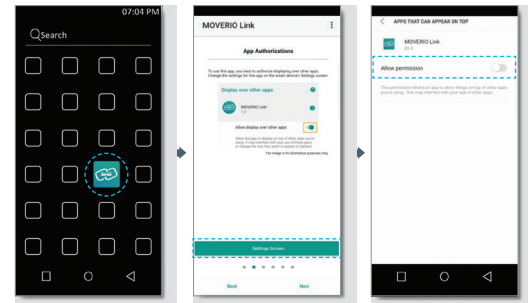
Adjust Volume

Close

Smart glasses' volume can be adjusted within a range of level 0 - 20.

Setting Screen Lock

When the screen lock is set, the screen will be dimmed.
To unlock, select the **Prevent Accidental Operation** icon or shake the smart device several times.



Before using MOVERIO Link, permission to access other applications on your smart device will be needed. Press the MOVERIO Link icon to change settings on the setup screen of your smart device.

Android is a trademark of Google Inc.

For more technical information, log on to <https://tech.moverio.epson.com/en/bt-30c/>

MOVERIO BT-30C

Specifications



Android is a trademark of Google Inc.
Windows® is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries.
USB Type-C™ is a trademark of USB Implementers Forum.

TECHNOLOGY			BT-30C
Model Type			See-Through OTG (Over the Glasses)
Display Device Type			Si-OLED (Silicon - Organic Light-Emitting Diode)
Display Size			0.43 inch wide panel (16:9)
Pixel Number			921,600 pixels (1280x720xRGB)
Field of View			23 Degree (D)
Screen Size (Projected Distance)			40 inch at 2.5 m – 320 inch at 20 m
Color Reproduction			24 bit-color (16.77 million colors)
Data Transfer Method			USB 2.0 / HID
Operating Temperature			5~35°C, 20~80% (Humidity)
Storage Temperature			-10~60°C, 10~90% (Humidity)
Waterproof			IPx2 (Headset only)
Dimensions (WxDxH)	Headset	195 × 174 × 40 mm (Without Shade)	
	IF Box	29 × 62 × 20 mm	
Weight			Approx. 95 g (without shade, harness and IF Box)
Audio Jack			3.5 mm 4 pole mini jack (Earphone with microphone CTIA standard compatible)
Sensors			Compass / Gyroscope / Accelerometer
Video Input	USB Type-C	Video I/F	DisplayPort Alternate Mode (DP Alt Mode)
		Resolution	1280 x 720 @ 30 Hz, 1920x1080 @ 30 Hz
		EDID	Supported
		HDCP Version	1.3
Data Transfer	USB Type-C	USB Protocol	USB 2.0
	Operating System	Windows	Windows 10 or later
		Android	Android 7.0 or later
General	USB Type-C		USB Type-C Current @ 1.5A
	USB Type-C Power Delivery	Version	2.0
		Input	5.0 V/0.9 A