



## Epson Moverio BT-300 Smart Glasses

- The controller contains a powerful Intel® Atom™ x5 1.44GHz Quad Core CPU ensuring smooth performance, even with demanding, content-heavy applications
- 720p HD display and high brightness ensure a crisp image with vivid colours
- Containing a large array of sensors including motion sensors in the headset and the controller, GPS, microphone, and camera, it is possible to create amazing and unique experiences
- Featuring the latest innovations in wireless connectivity (Bluetooth Smart Ready, Wi-Fi and Miracast), it can easily connect to a wide range of devices to receive content and data at high speed
- Applications able to be developed, downloaded and installed via the MOVERIO Market

# Epson Moverio BT-300 Smart Glasses

## Product Specifications

### WEARABLE DEVICE DETAILS

Model Type	Si-OLED (Silicon-Organic Light-Emitting Diode)
Power Supply Voltage Controller	5 V/900 mA via Micro USB terminal
Battery Life	Approx. 6 hours
Weight Headset	69 g (without cable / shade)
Power Supply Voltage AC Adapter	100 – 240 V AC $\pm 10\%$ , 50/60 Hz with Micro USB cable

Battery Type	Li-Polymer
Dimensions Headset	178 mm x 191 mm x 25 mm (without shade)
Dimensions Controller	116 mm x 56 mm x 23 mm
Weight Controller	129 g

### OPTICAL

Driving Method	Mono Crystalline Silicon Active Matrix
Display Size	0.43"-wide panel (16:9)
Pixel Number	921,600 pixels (1280 RGB x 720)
Refresh Rate	30 Hz
Field of View	23 degrees (diagonal)
Screen Size – Projected Distance	40" at 2.5 m – 320" at 20 m
Colour Reproduction	24-bit colour (16.77 million colours)

### GENERAL

Operating System	Moverio OS
Temperature	5°C – 35°C
Humidity	20% – 80%

### SENSORS

Camera	5 megapixel
GPS	Yes, in controller
Compass	Yes, 3-axis in both glasses and controller
Gyroscope	Yes, 3-axis in both glasses and controller
Accelerometer	Yes, 3-axis in both glasses and controller

### MOVERIO PLATFORM

Pre-installed Applications	Browser, Calculator, Calendar, Camera, Clock Contacts, Downloads, Email, Music, Search, Settings, Sound Recorder, Moverio, Apps Market, Mov Explorer
Google Play Services	Not supported

### CONNECTIVITY

Wireless LAN	IEEE 802.11a/b/g/n/ac with Wi-Fi CERTIFIED™, Miracast® (source/sink) ODFM, DS-SS
Bluetooth	Bluetooth® Smart Ready Class2 (2.5 mW, 10 m), V4.1 support profile: HSP/A2DP/HID/OPP/SPP/AVRCP/PAN

### CPU & MEMORY

CPU	Intel Atom x5 1.44 GHz Quad Core
Internal Memory	Approx. 16 GB (including Moverio OS)
RAM	2 GB

### USER INTERFACE

Function Key	Power, Home, Recents, Back, Function (Lock, Brightness, 2D/3D), Volume (+/-)
Touch-pad Pointing Method	Capacitive multi-touch

### SUPPORTED FILE FORMATS

Picture	JPEG, PNG, BMP, GIF
Video	MP4 (MPEG4/H.264+AAC), MPEG2 (H.264+AAC), VP8
Audio	WAV, MP3, AAC
3D Supports	Side by Side

### SOUND OUTPUT

Maximum Audio Output Level	150 mV
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### WHAT'S IN THE BOX

Headset
AC adapter
USB cable
Carrying case
Inner ear earphone with microphone
Shade x2 (light and dark)
Inner frame for optical lenses
Temple rubber x2
Quick setup guide
User Manual (CD Rom)

For more information please visit: <https://www.epson.com.au/moverio-augmented-reality>



Controller mount available for drone users



Flip-up shade included for outdoor environments

# MOVERIO

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