

## SPECIFICATIONS MOVERIO BT-300

<b>Technology</b>	
Model Type	See-Through OTG (Over-the-Glasses)
<b>Optical</b>	
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 (1280 x 720 x RGB)
Refresh Rate	30 Hz
Field of View	23°
Screen Size (Projected Distance)	80-inch at 5m, 320-inch at 20m
Color Reproduction	24-bit color (16.77 million colours)
<b>Android Platform</b>	
OS Version	Android 5.1
OS Update	Via Network
Pre-Installed Applications	Browser, Calculator, Calendar, Camera, Clock, Contacts, Downloads, Email, Music, Search, Settings, Sound Recorder, Moverio Apps Market, Mov Explorer
<b>Sensors</b>	
Camera	5-Megapixel (2560 x 1920)
GPS	Yes, in Controller
Compass	Yes, 3-axis in both Headset and Controller
Gyroscope	Yes, 3-axis in both Headset and Controller
Accelerometer	Yes, 3-axis in both Headset and Controller
Ambient Light Sensor	Yes, 10-30000 lux
<b>Connectivity</b>	
Wireless LAN	IEEE 802.11a/b/g/n/ac with WiFi, WiFi Miracast (Source/ Sink)
Bluetooth	Bluetooth Smart Ready Class 2 (2.5mW 10m)
MicroUSB	USB 2.0 (device/ host)
<b>CPU and Memory</b>	
CPU	Intel® Atom™ x5 1.44GHz Quad Core
RAM	2 GB
Internal Memory	16 GB *including Android OS
External Memory	microSD (max. 2 GB)/ microSDHC (max. 32 GB)
<b>User Interface</b>	
Touch Pad Pointing Method	Capacitive Multi-Touch
Operation Key	Power, Home, Recents, Back, Function (Lock, Brightness, 2D/3D), Volume (+/-)
Direction Control Key	Up, Down, Left, Right, Enter-OK
<b>Supported File Formats</b>	
Video	MP4 (MPEG4 + AAC), MPEG2 (H.264 + AAC)
Audio	WAV, MP3, AAC
3D Support	Side by Side
<b>Sound Output</b>	
Headset	2.0 mW / 16 ohm 3.5 φ Stereo
Surround	Yes
<b>General</b>	
Operating Temperature	5°C - 35°C (41°F to 95°F) 20% to 80% Humidity
Power Supply Voltage Controller	5V (900 mA) via micro USB terminal
Power Supply Voltage AC Adapter	100 - 240V AC +/- 10%, 50 / 60 Hz with micro USB cable
Battery Life	approx. 6 hrs (Video mode with Android at 25°)
Battery Type	Li-Polymer
Dimensions Headset (W x D x H)	191mm x 178mm x 25mm (without shade)
Dimensions Controller (W x D x H)	56mm x 23mm x 116mm
Weight Headset	approx. 69g (without shade / without cable)
Weight Controller	approx. 129g
<b>What's in the Box</b>	AC Adapter, USB Cable, Carrying Case (semi-hard type), Intraauricular Earphone with Microphone, Shade x 1 (light), Inner Frame for Optical Lenses, Temple Rubber x 2, Quick Setup Guide, Nose Pad (OTG type), User Manual

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### Dimensions & Weight

**Weight:** Approx. 69 g



**Weight:** Approx. 129 g



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Dealer's Stamp

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**MOVERIO®**  
SMART EYEWEAR

**EPSON**  
EXCEED YOUR VISION

## MOVERIO BT-300

WORLD'S LIGHTEST OLED BINOCULAR SEE-THROUGH SMART GLASSES



**TRANSFORM THE WAY  
YOU SEE THE WORLD.**

## ENGINEERED FOR BUSINESS

### High Quality Augmented Reality Experience

See greater contrast, richer colours, and higher brightness with silicon-based OLED digital display technology.

### Optimised Wearability

Greater comfort over longer hours of usage with a lightweight and compact silicon frame design.

### Contents On-the-Go

Enjoy 320 inches of high-definition 2D or 3D content anytime, anywhere via Wi-Fi and Bluetooth.

Sales Enquiries  
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Transform the way you work, learn and play with the new generation Epson Moverio BT-300 smart glasses. Now lighter and more powerful than ever before.

## KEY FEATURES:



### HIGH QUALITY AUGMENTED REALITY EXPERIENCE

New Si-OLED micro display technology seamlessly blend digital content into the world that you see with high contrast, high brightness and high-definition Augmented Reality images.

#### High Contrast

Realise **seamless AR** with edgeless rendering on full transparent display.

BT-200 (contrast ratio 230 : 1)



Screen image can be seen

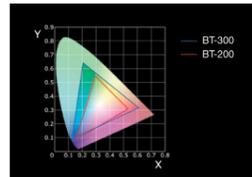
BT-300 (contrast ratio 100,000 : 1)



No screen image

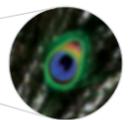
#### High Colour Reproduction

BT-300's Si-OLED technology provides **1.6 times more colours** than BT-200.

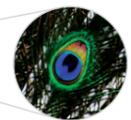


#### High Resolution

BT-300's Si-OLED technology provides **1.8 times more resolution** than BT-200.



BT-200: QHD



BT-300: 720p



### TRULY WEARABLE

Compact and lightweight, the improved design with silicon frame fits over normal glasses and is comfortable to wear, even for an extended period of time.



### CUTTING EDGE PERFORMANCE

Expect smooth and unique performances with battery life up to 6 hours, a powerful Intel® Atom™ x5 1.44GHz Quad Core CPU, and intelligent motion tracking sensors.



### BUILT ON ANDROID

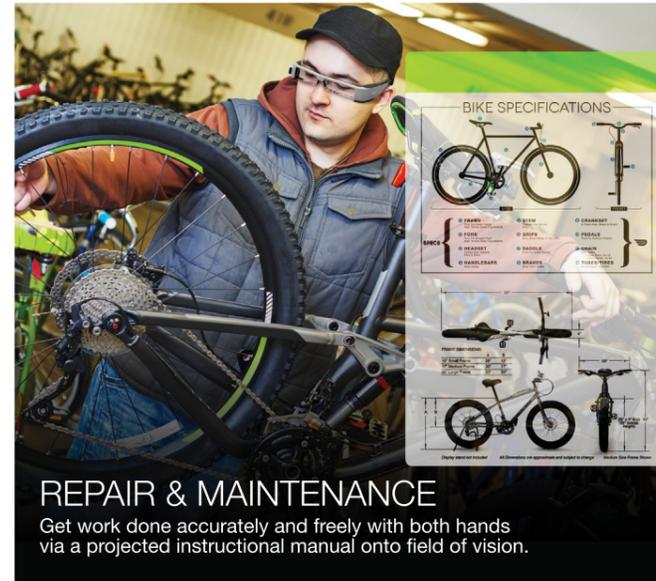
A familiar & accessible OS makes for an intuitive and flexible app development environment and a strong developer community, allowing easy content creation.



### HANDS-FREE OPERABILITY

Front-facing 5-megapixel camera and intelligent tracking sensors keep you hands-free while taking HD-quality pictures/ videos, and enabling Augmented Reality content.

## ONE SMART GLASSES, INFINITE POSSIBILITIES WORK



### REPAIR & MAINTENANCE

Get work done accurately and freely with both hands via a projected instructional manual onto field of vision.



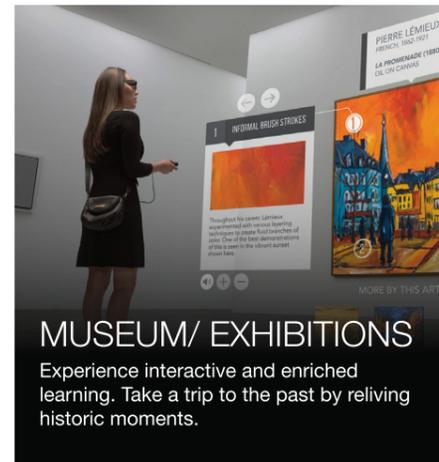
### LOGISTICS/ COURIER

Scan packages to reveal real-time status and information. Deliver on time with navigation guide and assistance.

### INVENTORY/ WAREHOUSING

Real-time status display of inventory: Improve process of manual order picking, incoming/outgoing goods, sorting and packing, stock availability and deficiencies.

## LEARN



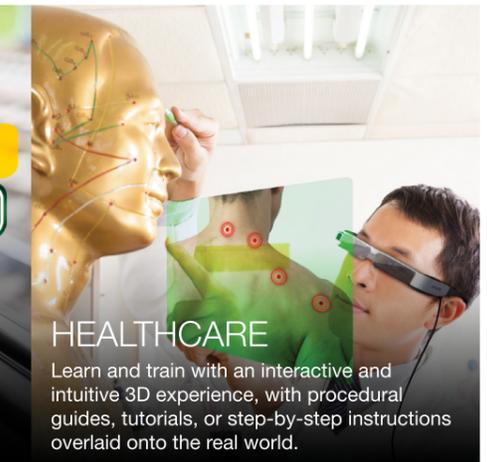
### MUSEUM/ EXHIBITIONS

Experience interactive and enriched learning. Take a trip to the past by reliving historic moments.



### TRAVEL

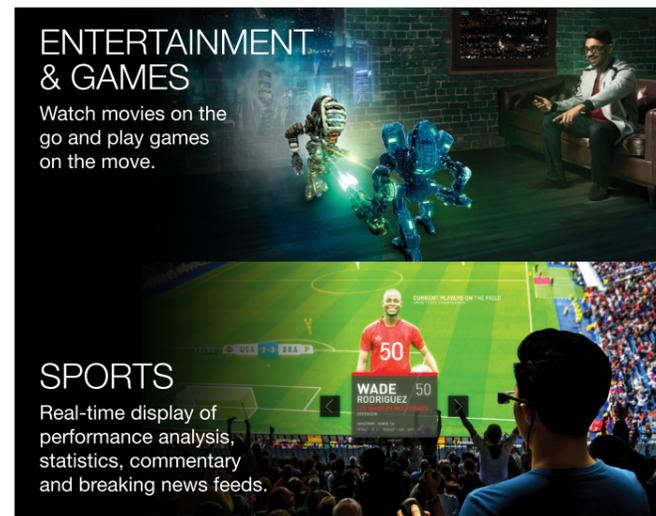
Travel in style with advanced navigational support, attraction finder, interactive travel guides and real-time visual translation.



### HEALTHCARE

Learn and train with an interactive and intuitive 3D experience, with procedural guides, tutorials, or step-by-step instructions overlaid onto the real world.

## PLAY



### ENTERTAINMENT & GAMES

Watch movies on the go and play games on the move.

### SPORTS

Real-time display of performance analysis, statistics, commentary and breaking news feeds.



### HOBBIES

Control and view in first-person through the in-drone camera. Take your passion to greater heights with AR directional overlays on a fully unimpeded view for an enhanced flying experience.