

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.

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

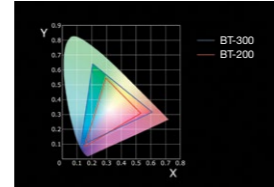
BT-300 (contrast ratio 100,000 : 1)



No screen image

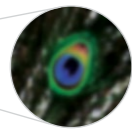
High Colour Reproduction

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

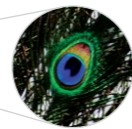


High Resolution

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.



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.



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.

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.

SPECIFICATIONS

MOVERIO BT-300

EPSON

EXCEED YOUR VISION

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 (1280 RGB x 720)
Refresh Rate	30 Hz
Field of View	23° (Diagonal)
Screen Size (Projected Distance)	40-inch at 2.5m, 320-inch at 20m
Colour Reproduction	24-bit colour (16.77 million colours)
Platform	
Operating System	Moverio OS
Pre-Installed Applications	
Browser, Calculator, Calendar, Camera, Clock, Contacts, Downloads, Email, Music, Search, Settings, Sound Recorder, Moverio Apps Market, MovFiler	
Sensors	
Camera	5-Megapixel
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
Connectivity	
Wireless LAN	IEEE 802.11a/b/g/n/ac with WiFi certified, WiFi Miracast (Source / Sink), ODFM, DS-SS
Bluetooth	Bluetooth Smart Ready Class 2 (2.5mW 10m), V4.1 Support profile: HSP / A2DP / HID / OPP / SPP / AVRCP / PAN
USB C/N	micro USB type B, USB 2.0 (device / host)
SD Card Slot	microSD (max. 2GB) / micro SDHC (max. 32GB)
Audio Jack	3.5Φ 4 pole mini-jack, CTIA type
CPU and Memory	
CPU	Intel® Atom™ x5, 1.44GHz Quad Core
RAM	2 GB
Internal Storage	16 GB*
User Interface	
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
Supported File Formats	
Video	MP4 (MPEG4/H.264 + AAC), MPEG2 (H.264 + AAC), VP8
Picture	JPEG, PNG, BMP, GIF
Audio	WAV, MP3, AAC
3D Support	Side by Side
Sound Output	
Maximum Audio Output Level	150 mV
Preset Equalizer	Yes (OFF, Game, Movie, Music)
General	
Operating Temperature	5° to 35° C (41° F to 95° F), 20% to 80% Humidity
Storage Temperature	-10° C to 60° C (14° F to 140° F), 19% to 90% Humidity, Unfrozen
Power Supply Voltage Controller	5V (900 mA) via micro USB terminal
Power Supply Voltage AC Adaptor	100 - 240V AC +/- 10%, 50 / 60 Hz with micro USB cable
Battery Life	approx. 6 hrs
Battery Type	Li-Polymer
Dimension Headset (W x D x H)	191mm x 178mm x 25mm (without shade)
Dimension Controller (W x D x H)	56mm x 23mm x 116mm
Weight Headset	approx. 69g (without shade/ without cable)
Weight Controller	approx. 129g
What's in the Box	
AC Adapter (100 - 240 VAC, 50 - 60 Hz, 0.15 A), USB Cable, Carrying Case (semi-hard type), Intra auricular 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	

Dimensions & Weight

Weight: Approx. 69 g



Weight: Approx. 129 g



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Dealer's Stamp

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* Including OS.

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