

Model Name	MOVERIO BT-200	MOVERIO BT-300	MOVERIO BT-350	MOVERIO BT-2000/2200
Optical				
Driving Method	Poly-silicon TFT active matrix	Si-OLED (Silicon - Organic Light-Emitting Diode)	Si-OLED (Silicon - Organic Light-Emitting Diode)	Poly-silicon TFT active matrix
Panel size	0.42 inch wide panel (16:9)	0.43 inch wide panel (16:9)	0.43 inch wide panel (16:9)	0.42 inch wide panel (16:9)
Pixel Number	518,400 dots (960x540 x RGB)	921,600 dots (1280x720xRGB)	720P(1280x720xRGB)	518,400 dots (960x540 x RGB)
Field of View	Approx. 23 °(Diagonal)	Approx. 23 °(Diagonal)	Approx. 23 °(Diagonal)	Approx. 23 °(Diagonal)
Screen Size (Projected Distance)	80 inch at 5 m - 320 inch at 20 m	80 inch at 5 m - 320 inch at 20 m	80 inch at 5 m - 320 inch at 20 m	80 inch at 5 m - 320 inch at 20 m
Color Reproduction	24 bit-color (16.77 million colors)	24 bit-color (16.77 million colors)	24 bit-color (16.77 million colors)	24 bit-color (16.77 million colors)
Android™ Platform				
OS Version	Android [4.0.4]	Android [5.1]	Android 5.1	Android [4.0.4]
OS Update	Via network	Via network	USB	Via network/ SD card
Sensors				
Camera	VGA	5 Mega pixel	5 Mega pixel	5 Mega pixel (Stereo camera)
GPS	Yes	Yes	Yes	Yes
Compass	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller
Gyroscope	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller	IMU (+/- 450deg/sec)
Accelerometer	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller	Yes, 3axis in both Headset and Controller	IMU (+/- 6 G)
Ambient Light Sensor	N/A	Yes	Yes	Auto brightness control
Connectivity				
Wireless LAN	IEEE 802.11b/g/n with Wi-Fi Miracast	IEEE 802.11a/b/g/n/ac with Wi-Fi, Wi-Fi Miracast (Source,Sink)	IEEE 802.11a/b/g/n/ac with Wi-Fi, Wi-Fi Miracast (Source,Sink)	IEEE802.11b/g/n/a with Wi-Fi, Wi-Fi Wi-Fi Direct
Bluetooth®	Bluetooth® 3.0	Bluetooth smart ready Class2 (2.5mW 10m), V4.1	Bluetooth smart ready Class2 (2.5mW 10m), V4.1	Bluetooth® 3.0 Bluetooth® 4.0 LE (with specified device)
microUSB	USB2.0	USB2.0 (device/host)	USB2.0 (device/host)	USB2.0
CPU and Memory				
CPU	TI OMAP 4460 1.2Ghz Dual Core	Intel Atom5 1.44GHz Quad Core	Intel Atom5 1.44GHz Quad Core	TI OMAP 4460 1.2Ghz Dual Core
RAM	1GB	2GB	2GB	1GB
Internal memory	8GB	16GB *including Android OS	16GB *including Android OS, built-in microSDHC(32GB/Class10)	8GB
External memory	microSD (max.2GB) / microSDHC(max.32GB)	microSD (max.2GB) / microSDHC(max.32GB)	N/A	microSD (max.2GB) / microSDHC(max.32GB)
User interface				
Touch pad Pointing method	Capacitive Multitouch	Capacitive Multitouch	Capacitive Multitouch	N/A
Operation Key	Power (lock), Home, Menu, Back , Function (Brightness, 2D/3D), Volume (+/-), Reset	Power, Home, Menu, Back, Function (Lock, Brightness, 2D/3D), Volume(+/-)	Power, Home, Menu, Back, Function (Lock, Brightness, 2D/3D), Volume(+/-)	Cross-button, programmable function key
Direction Control Key	N/A	Up, Down, Left, Right, Enter-OK	Up, Down, Left, Right, Enter-OK	Up, Down, Left, Right, Enter-OK
Voice command	N/A	N/A	N/A	Yes. Standalone (no sever assist)
Supported file formats				
Video	MP4 (MPEG4+AAC / Dolby Digital Plus), MPEG2 (H.264+AAC / Dolby Digital Plus)	MP4(MPEG4/H.264+AAC), MPEG2(H.264+AAC), VP8	MP4(MPEG4/H.264+AAC), MPEG2(H.264+AAC), VP8	MP4(MPEG4+AAC), MPEG2(H.264+AAC)
Still image	JPEG,PNG,BMP,GIF	JPEG,PNG,BMP,GIF	JPEG,PNG,BMP,GIF	JPEG,PNG,BMP,GIF
Audio	WAV, MP3, AAC, Dolby Digital Plus	WAV,MP3,AAC	WAV,MP3,AAC	WAV,MP3,AAC
3D supports	Side by Side	Side by Side	Side by Side	Side by Side
General				
Operating Temperature	5°C – 35°C; 41°F – 95°F; 20% – 80% Humidity	5°C – 35°C; 41°F – 95°F; 20% – 80% Humidity	5°C – 35°C; 41°F – 95°F; 20% – 80% Humidity	0°C – 40°C; 20% – 80% Humidity
Power Supply Voltage Controller	5V, 900 mA via micro USB terminal	5V 900mA via micro USB terminal	5V 900mA via micro USB terminal	11V, 1.64A via AC Adaptor
Power Supply Voltage AC adapter	AC100-240V, 50/60Hz with micro USB cable	AC100-240V, 50/60Hz with micro USB cable	AC100-240V, 50/60Hz with micro USB cable	AC100-240V, 50/60Hz with micro USB cable
Battery Life	Approx. 6 hrs (Video mode with Android at 25°)	Approx. 6 hrs (Video mode with Android at 25°)	Approx. 6 hrs (Video mode with Android at 25°)	Approx. 10hrs(Video mode with Android at 25°) Approx. 4 hrs (worst case)
Battery Type	Li-Polymer	Li-Polymer	Li-Polymer	Li-ion x2 (with hot swap function)
Dimensions Headset (W x D x H)	185 mm x 170 mm x 32 mm (without light shielding)	191 mm x 178 mm x 25 mm (without light shielding)	193.5mm x 176mm x 30mm (without light shielding)	205 mm x 136 mm x 100 mm (without head band)
Dimensions Controller (W x D x H)	55 mm x 120 mm x 19 mm	56 mm x 116 mm x 23 mm	56 mm x 116 mm x 23 mm	70 mm x 157 mm x 35 mm
Weight Headset	88g (without light Shielding / without harness)	69g (without light Shielding / without harness)	119g (without light Shielding / without harness)	290g (without harness)
Weight Controller	124g	129g	129g	265g (without Batteries)
Language				
OSD and Android	Languages in Android OS 4.0.4	Languages in Android OS 5.1	Languages in Android OS 5.1	Languages in Android OS 4.0.4
Manual	EN/JA/FR/ES/PT/DE/IT/NL/ZHT/KO/GB/DA/FI/NO/SV/CS/PL/HU/TR/RU/AR/HE	EN/JA/FR/ES/PT/DE/IT/NL/ZHT/KO/GB/DA/FI/NO/SV/CS/PL/HU/TR/RU/AR/HE	EN/JA/FR/ES/PT/DE/IT/NL/ZHT/KO/GB/D A/FI/NO/SV/CS/PL/HU/TR/RU/AR/HE	EN/JA/FR/ES/PT/DE/IT/NL/ZHT/KO/GB/DA/FI/NO/SV/CS/PL/HU/TR/RU/AR/HE

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