

EPSON MOVERIO BT-40S



Display

Display Device Type Si-OLED (Silicon-Organic Light-Emitting Diode)

Brightness 1000 cd/m2 (MAX)

Contrast 500,000:1

Transmittance

- Headset 40%
- Shade 2%

Display Size 0.453-inch-wide panel

Pixel Number 2,073,600 pixels (1920x1080xRGB)

Refresh Rate 60 Hz

Field of View 34 degrees (diagonal)

Screen Size (Projected Distance) 120 inch at 5 m

Color Reproduction 24-bit color (16.77 million colors)

Controller

Display Device Type IPS LCD

Display Size 2.95"-wide panel

OS Version Android™ 9

CPU Qualcomm SXR1130

Memory 4GB

Storage 64GB

External Memory microSD (2 GB max), microSDHC (32 GB max), microSDXC (2 TB max)

Sensors

Camera 13MP Auto Focus, in Controller

GPS Yes, in Controller

Compass Yes, 9-axis in Headset and Controller

Gyroscope Yes, 9-axis in Headset and Controller

Accelerometer Yes, 9-axis in Headset and Controller

Ambient Light Sensor Yes, 9-axis in Headset and Controller

Proximity Sensor Yes, in Controller

Connectivity

Wireless LAN IEEE 802.11 a/b/g/n/ac, 2x2 Dual Band

Bluetooth® Version: 5.0

USB Bottom Port: USB Type-C DP Alt, USB 2.0, USB 3.0.

Side Port: USB 2.0

Audio 3.5 mm Audio Jack

User Interface

Touch Panel

Operation Keys Power button, Volume keys, Back key, HOME key, History key, Function key

Supported File Formats

Video MPEG-2, MPEG-4, H.263, H.264, H.265 (HEVC), VP8, VP9

Audio AAC, HE-AAC, AMR, FLAC, MP3 (8 to 320 kbps) CBR/VBR, Vorbis, WAV, Opus

Video Input

USB Type-C

- Video I/F: DisplayPort Alternate Mode (DP Alt Mode)
- DisplayPort: Version 1.2
- Resolution: 1080p FHD/60 Hz

- EDID: Supported
- HDCP: Supported

Data Transfer

USB Type-C

- USB Protocol: USB 2.0
- Data Type: Sensor data, Headset API control, firmware update
- Device Class for Sensor: UAC 2.0

Sound Input/Output

Headset

Audio 3.5 mm audio jack

Audio Output

Impedance: Over 16Ω

Controller

Audio Microphone, Receiver, Speaker, 3.5 mm Audio Jack

Other

Supported 3D Format Side-by-side Format

LED Indicator Yes

Firmware Update Supported (by USB Type-C)

Supported OS for Host Device (USB Type Connection)

Windows 10®, Android 8.0 or later

Global Navigation Satellite System

GPS/GLONASS/Galileo/QZSS/BDS

Firmware Update Supports (OTA)

General

Operating 41 °F to 95 °F (5 °C to 35 °C)

Humidity (Operating) 20% to 80%

Temperature (Storage) 14 °F to 140 °F (-10 °C to 60 °C)

Humidity (Storage, Unfrozen) 10% to 90%

USB Power Delivery

Headset Dimensions (W x D x H) 194 x 164 x 41 mm (without shade)

Controller Dimensions (W x D x H) 55 x 110 x 23 mm

Headset Weight Approx. 3.4 oz

Controller Weight Approx. 6.5 oz

Battery 3,400 mAh

Battery Type Lithium Polymer

Waterproof IPx2 (except for USB port)

Language

OSD English

Language

EN/JA/FR/ES/PT/DE/IT/NL/ZHT/UK/DA/FI/NO/SV/CS/PL/HU/TR/RU/AR/KK

Eco Features

RoHS compliant

Recyclable product

Epson America, Inc. is a SmartWay® Transport Partner

Specifications subject to change without notice