

# Moverio BT-300 Smart Glasses (AR/Developer Edition)

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**E** [epson.com/For-Work/Wearables/Smart-Glasses/Moverio-BT-300-Smart-Glasses-%28AR-Developer-Edition%29-/p/V11H756020](https://www.epson.com/For-Work/Wearables/Smart-Glasses/Moverio-BT-300-Smart-Glasses-%28AR-Developer-Edition%29-/p/V11H756020)

- Model: V11H756020

## Wearable Device Details:

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**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:** 2.5 oz / 69 g (excluding cable)**Power Supply Voltage AC Adapter:** 100 – 240 V AC  $\pm$ 10%, 50/60 Hz with Micro USB cable**Battery Type:** Li-Polymer**Dimensions Headset:** 7.52" x 7.01" x 0.98" (W x D x H)**Dimensions Controller:** 2.20" x 4.57" x 0.91" (W x D x H)**Weight Controller:** 4.55 oz / 129 g

## Optical:

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**LCD Driving Method:** Mono Crystalline Silicon Active Matrix**LCD Size:** 0.43"-wide panel (16:9)**LCD 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**Color Reproduction:** 24-bit color (16.77 million colors)

## General:

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**Operating Systems:** Android 5.1**Humidity:** 20% – 80%**Operating Temperature:** 41 °F to 95 °F (5 °C to 35 °C)

## Sensors:

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**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

## Android Platform:

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**Pre-installed Applications:** Browser, Calculator, Calendar, Camera, Clock, Contacts, Downloads, Email, Music, Search, Settings, Sound Recorder, Moverio Apps Market, MovFiler

## Connectivity Wearables:

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**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:

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

## User Interface:

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

## Supported File Formats:

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**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:

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**Sound Output:** Maximum Audio Output Level: 150 mV

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