

HM-TB3317-3/M1-Mini Smartphone Module



The smartphone module helps you to inspect electrical equipment, troubleshooting HVAC problems, look for subjects in darkness. Within 5°C to 100°C temperature measurement range, it covers most natural scenarios. Equipped with functional thermal App for smartphone, the Smartphone Module enables you to see a different world just by one plug.

- Key Feature
- Thermal resolution: 160 × 120 (19,200 pixels)
- NETD: < 40 mK (@25°C, F# = 1.0)
- Accuracy: ± 0.5°C (0.9°F), for object temperature 30°C to 45°C (86°F to 113°F); ±2°C (3.6°F), for object temperature 5°C to 30°C (41°F to 86°F) and 45°C to 100°C (113°F to 212°F). Applicable 60 sec after start-up when the ambient temperature 15°C to 35°C (59°F to 95°F)
- USB Type-C Interface (Android)
- 26 g Weight



Specification

mage SensorVanadium Oxide Uncooled Focal Plane ArraysR Resolution160 × 120 (19,200 pixels)Pixel Pitch17 μmspectrum Range8 to 14 μmKETD<40 mK (@25°C, F# = 1.0)Socal Length3.2 mmOV (Field of View)50° × 38° (H × V)Vor (Field of View)50° × 38° (H × V)Minimum Focus Distance20 cmFocusFixedMage Frequency25 H2AppertureF1.1***********************************
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Storage Temperature Range -20°C to 60°C (-4°F to 140°F) Protection Level IP40
Protection Level IP40
Aechanical Shock Drop from 1 m (3.28 ft)
Veight 26 g (0.057 lb)
Dimension 54.1 mm × 15 mm × 27.5 mm (2.13" × 0.59" × 1.08")
Power Consumption 300mW
APP
Measurement PresetsHot Spot, Cold Spot, Center Spot, 1 Point Preset, 1 Area Preset, Off
Color Palettes Black Hot, White Hot, Red Hot, Rainbow, Ironbow, Fusion, Rain
/ideo Format MP4
mage Format JPEG



Available Model

HM-TB3317-3/M1-Mini

Packing List

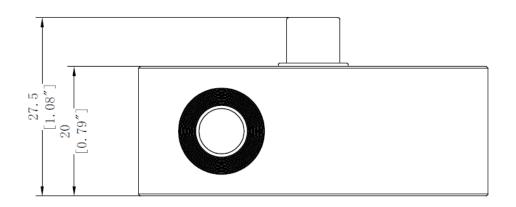


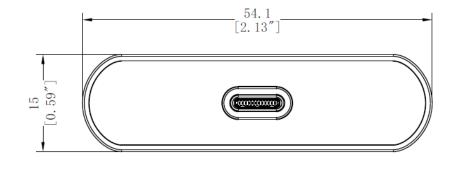


Storage Bag (× 1)

Quick Start Guide (× 1)

Dimension





Unit:mm[Inch]

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Room 313, Unit B, Building 2, 399 Danfeng Road, Xixing Subdistrict, Binjiang District, Hangzhou, Zhejiang

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