

Mini2 Mini2 Smartphone Module



The Smartphone Module is designed to inspect electrical equipment, troubleshooting HVAC problems. Equipped with functional thermal App for smartphone, the Smartphone Module enables you to get the thermal imaging on your phone.

Key Features

- Thermal resolution: 256 × 192 (49,152 pixels)
- NETD: < 40 mK (@ 25 °C, F#=1.0)
- Accuracy: ±2 °C (-20 °C to 100 °C) ; ±2 % (100 °C to 350 °C)
- USB Type-C Interface (Android)
- 20 g Weight

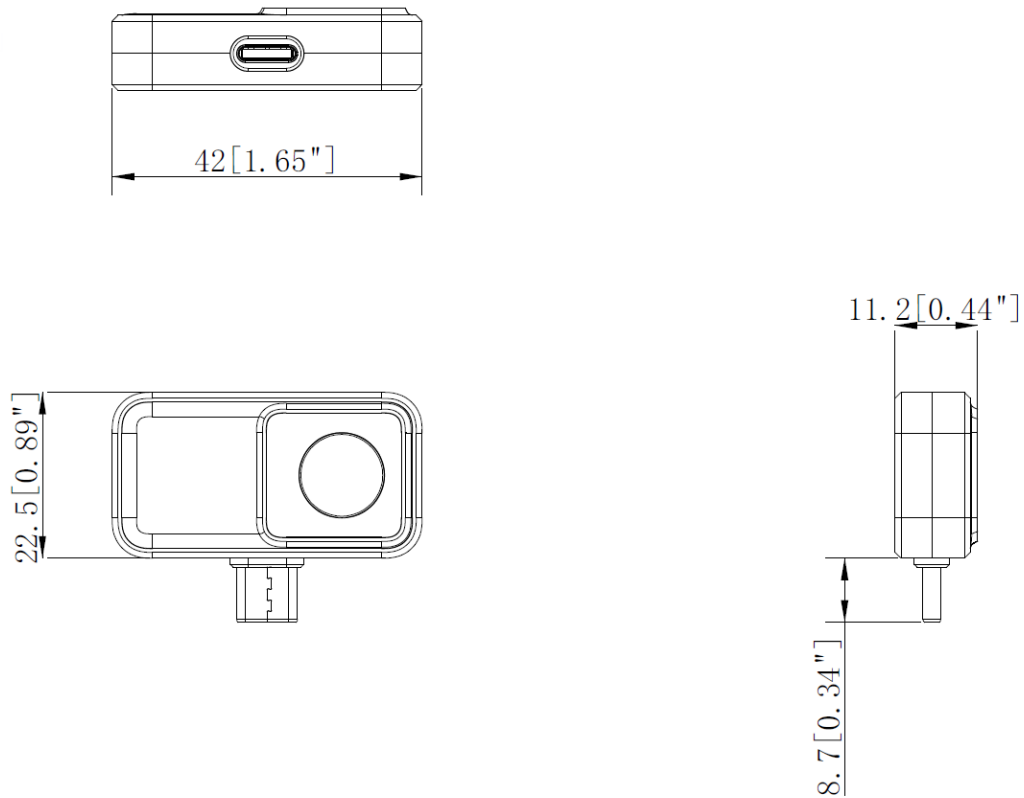
▪ Specification

| Infrared Image | |
|---------------------------|--|
| IR Resolution | 256 × 192 (49,152 pixels) |
| NETD | < 40 mK (@ 25 °C, F#=1.0) |
| Image Frequency | 25 Hz |
| Detector Pitch | 12 μm |
| Spectral Range | 7.5 to 14 μm |
| Focal Length | 3.5 mm |
| F-number | F1.0 |
| Field of View (FOV) | 50° × 37.2° |
| Min. Focus Distance | 0.2 m (0.66 ft) |
| Focus Mode | Focus Free |
| Image Display | |
| Color Palettes | White Hot, Black Hot, Rainbow, Ironbow, Sepia, Color, Ice Fire, Rain, Red Hot, Green Hot, Dark Blue, Combined |
| Image Modes | Thermal |
| Measurement and Analysis | |
| Object Temperature Range | -20°C to 350°C(-4°F to 662°F) |
| Accuracy | Max (±2°C/3.6°F, ±2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F) |
| Measurement Tools | Center Spot, Hot Spot, Cold Spot User-definable: 3 spots, and 3 rectangles. |
| Level and Span Mode | Auto/Manual |
| General | |
| Power Consumption | 360 mW |
| Protection Level | IP40 |
| Drop Test Height | 1 m (3.28 ft) |
| Working Temperature Range | -10°C to 50°C (14°F to 122°F) |
| Storage Temperature Range | -20°C to 60°C (-4°F to 140°F) |
| Weight | Approx. 20 g (0.044 lb) |
| Dimension | 42 × 22.5 × 11.2 mm (1.65 × 0.89 × 0.44 in) |

▪ Available Model

Mini2

▪Dimension



Unit: mm [inch]

Optional Accessory









HM-AHBR02

Pocket/Mini Series Desktop
Stand Bracket

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