MiniE V3
Thermal Imager



MiniE V3 is your AI-powered companion for everyday home inspection and thermal troubleshooting. With Smart SuperScene AI, 16× SuperIR image enhancement, and shutterless smooth 25Hz imaging, it helps homeowners easily understand hidden issues such as poor insulation, underfloor heating, and HVAC heat loss. Capture, analyze, and share thermal images directly from your smartphone with intuitive tools and flexible image adjustments. Designed for proactive homeowners and DIY enthusiasts, MiniE V3 makes hidden home problems visible—so you can make smarter maintenance decisions before they become costly repairs.

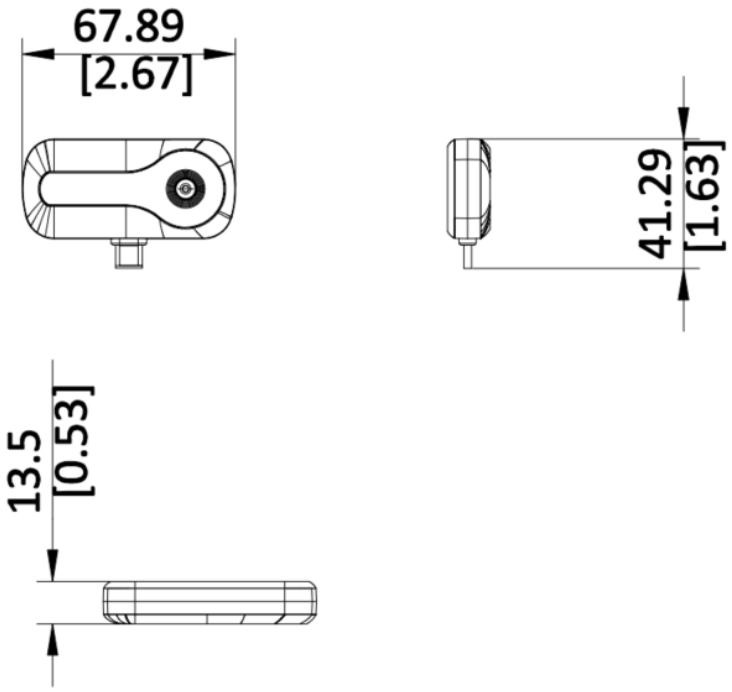
▪ Features

- Thermal resolution: 96 × 96 (9, 216 pixels)
- 16X SuperIR image enhancement technology on live view and captured images
- Shutterless Smooth Imaging
- AI-powered SuperScene
- 3-in-1: USB-C (iOS & Android)
- NETD:< 50 mK (@ 25°C, F#=1.0)
- Accuracy: ±2°C (-20°C to 100°C) ; ±2 % (100°C to 400°C)
- 23 g Weight

▪ Specification

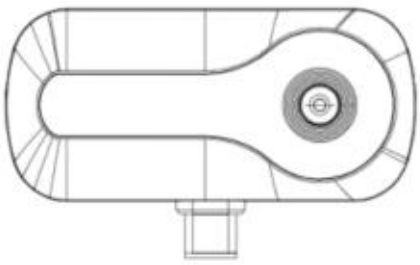
Infrared Image	
IR Resolution	96 × 96 (9, 216 pixels)
SuperIR	4× / 16× / Off; Available in live view and on captured images
NETD	< 50 mK (@ 25°C, F#=1.0)
Image Frequency	25 Hz
Detector Pitch	12 μm
Spectral Range	7.5 to 14 μm
Focal Length	1.35 mm
F-number	F1.0
Field of View (FOV)	50° × 50°
Min. Focus Distance	0.1 m (0.33 ft)
Focus Mode	Focus Free
Image Display	
Color Palettes	Custom, White hot, Black hot, Rainbow, Dark Orange, Purple Yellow, Ironbow, Dark Brown, Purple Red, BLue orange , Ice Fire, Rain, Red Hot, Green Hot, Dark Blue, Blue Yellow
Image Modes	Thermal, PIP, Fusion
Measurement and Analysis	
SuperScene Mode	Custom, Water Leak, Insulation, Floor Heating, Electrical Faults, Solar Panel
Smart SuperScene Alarm	Water Leak, Insulation
Object Temperature Range	Range -20°C to 150°C（-4°F to 302°F) Range 100°C to 400°C（212°F to 752°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, 3 rectangles and 1 line .
Level and Span Mode	Auto/Manual
General	
Power Consumption	175 mW
Interface	USB-C Android, USB-C iOS, Lightning iOS
Device Compatibility	iOS (version 15.5 and later), Android (version 7 and later) smartphones and tablets
Software Compatibility	HIKMICRO Viewer app for iOS and Android
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)
Dimension	67.89 × 41.29 × 13.5 mm (2.67 × 1.63 × 0.53 in)
Weight	Approx. 23 g (0.0507lb)

▪ Dimension



Unit: mm [inch]

▪ Packaging List



Thermal Imager (X1)



QSG (X1)

COMPLIANCE NOTICE:
The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.

HIKMICRO

Hikmicro Industrial hikmicro_industrial HIKMICRO Industrial HIKMICRO info@hikmicrotech.com www.hikmicrotech.com

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*Note: Specifications are subject to change without notice. For the current specs, please go to www.hikmicrotech.com