Mini2 V3
Thermal Imager



HIKMICRO Mini2 V3 is a high-performance thermal camera designed for detailed home inspection, professional troubleshooting, and demanding thermal diagnostics. With a 256×192 IR detector, 4× SuperIR enhancement up to 512×384, 30 mK thermal sensitivity, and 25 Hz real-time imaging, it reveals subtle temperature differences with exceptional clarity. Smart SuperScene provides AI-assisted scene recognition and analysis in real time or from captured images, helping turn complex thermal patterns into clear, actionable insights. With iOS, Android, and Windows support, Mini2 V3 is a powerful thermal imaging solution for water leak detection, HVAC, electrical, automotive, building, and equipment inspections.

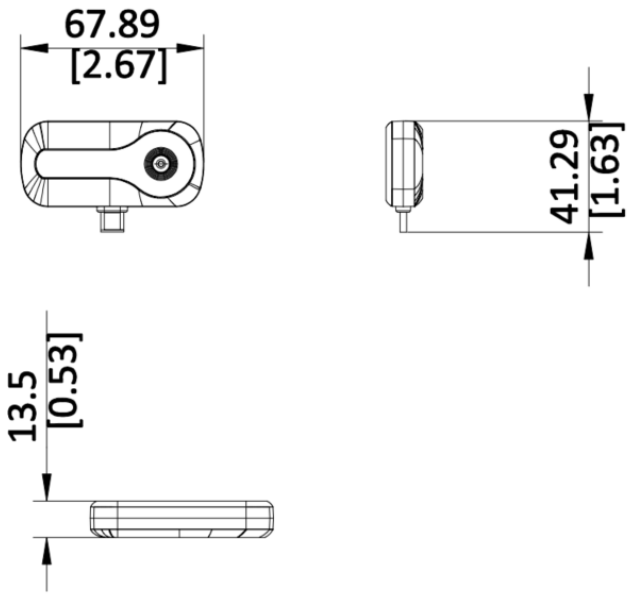
▪ Features

- Thermal resolution: 256 × 192 (49,152 pixels)
- SuperIR image enhancement technology on live view and captured images
- AI-powered SuperScene
- 3-in-1: USB-C (iOS & Android)
- NETD:< 30 mK (@ 25°C, F#=1.0)
- Accuracy: ±2°C (-20°C to 100°C) ; ±2 % (100°C to 650°C)
- 23 g Weight

▪ Specification

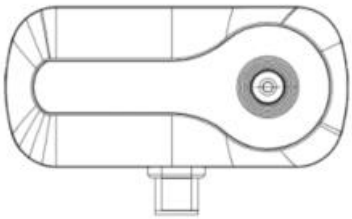
Infrared Image	
IR Resolution	256 × 192 (49,152 pixels)
SuperIR	Yes, on captured images and live view
NETD	< 30 mK (@ 25°C, F#=1.0)
Image Frequency	25 Hz
Detector Pitch	12 μm
Spectral Range	7.5 to 14 μm
Focal Length	3.5 mm
F-number	F1.0
Field of View (FOV)	37.2° × 50.0°
Min. Focus Distance	0.2 m (0.66 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 70°C（-4°F to 158°F） Range -20°C to 150°C（-4°F to 302°F） Range 100°C to 650°C（212°F to 1202°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	270 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]

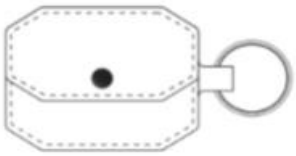
▪ Packaging List



Thermal Imager (X1)



QSG (X1)



Protective Case (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.

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