

Product Datasheet - Technical Specifications



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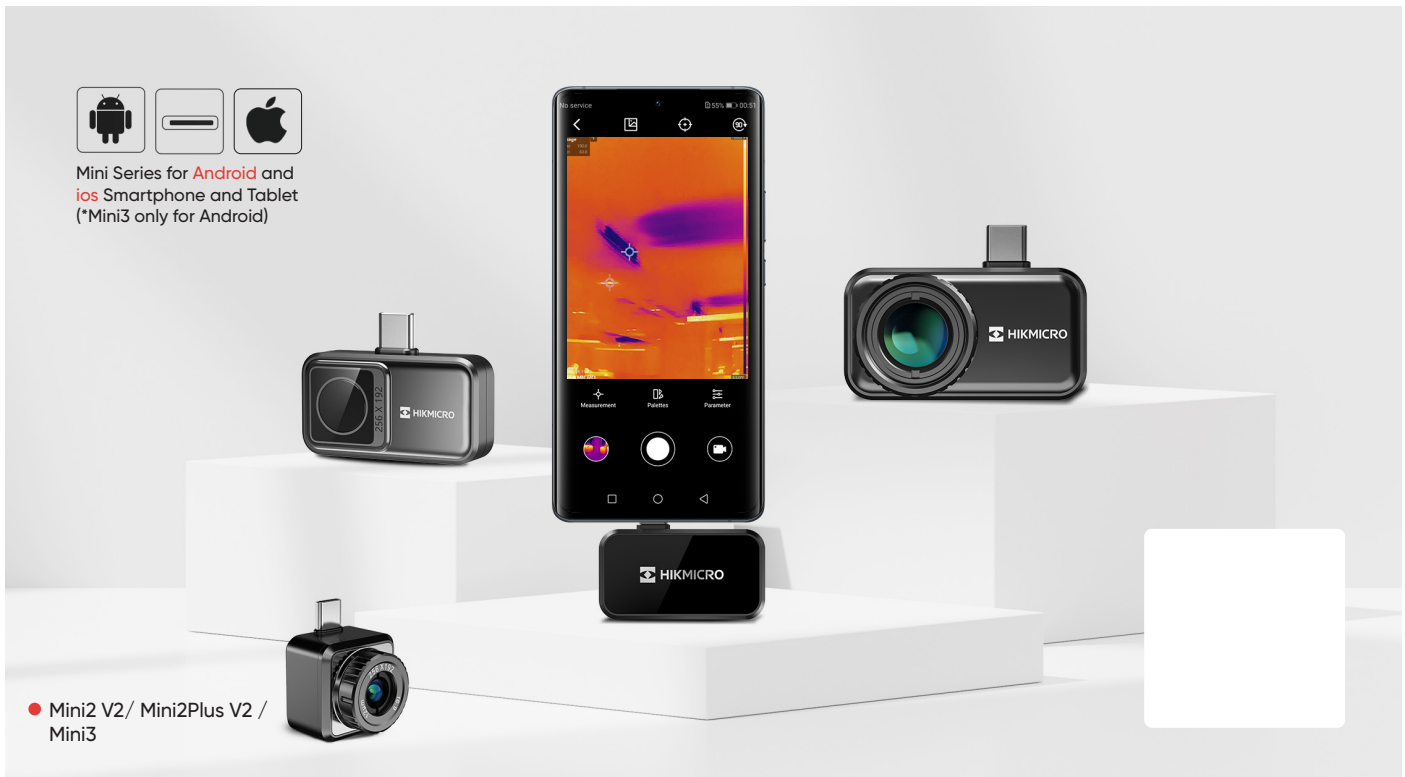
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MINI SERIES

Make your phone smarter with HIKMICRO Thermal



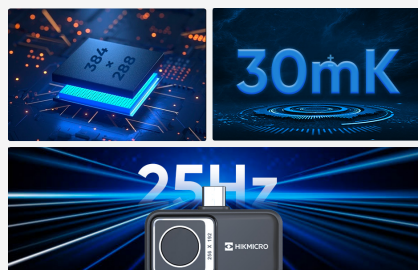
Multiple Product Options

The Mini series offers wide-angle and manual focus options. The Mini2 V2 with its 50° wide-angle lens is ideal for quickly scanning walls, facades, and large objects. The Mini2Plus V2 and Mini3 with manual focus lens provide a clear view of small objects such as electronic components or distant large objects like electrical or mechanical equipment from a safe distance.



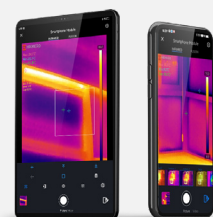
Superior Image Clarity & Smooth Video

Mini Series features a highly sensitive (NETD < 30 mK) VOx detector with a resolution of 384 x 288 (110,592) pixels, along with optimized image enhancement algorithms to provide clear thermal images.



Professional Viewer APP

HIKMICRO Viewer app allows you to generate reports in the field quickly, customize job site data, adjust measurement settings, add annotations, and share with customers or managers.



User-Friendly Experience

Instantly attaches to your Android and ios smartphone or tablet and is ready to go in seconds (*Mini3 only for Android). The HIKMICRO Mini series is battery-free so you'll never need to charge it up or find a charger cable. It's powered by your phone, designed to run on very little power to maximize your mobile device run time, and ready whenever you are.



Portable yet Durable

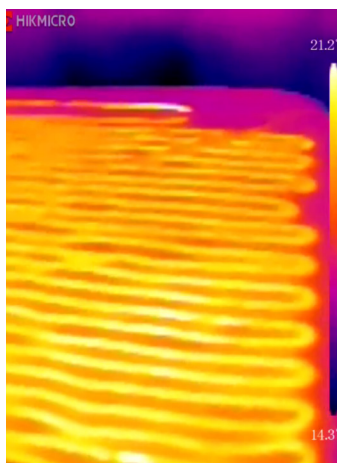
Designed for where you work, live, or relax. It'll fit in your pocket, tool bag, or anywhere convenient for quick and easy access. With IP40-rated aluminum alloy housings, pass strict drop tests up to 1 meter (3.3 feet), allowing you to work with confidence in most work environments.



Multiple Practical Accessories

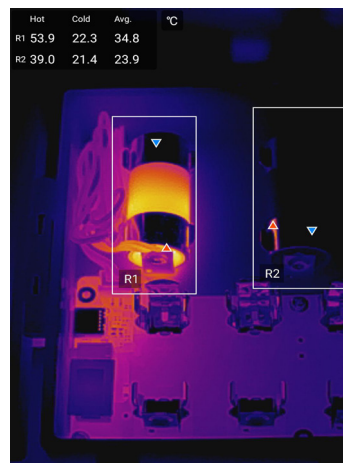
A 40 cm (15.75 in) extending cord connects between your device and the camera allowing remote viewing, and inspection through narrow, confined openings, or difficult-to-reach places. Also included is an 18 mm extended connector to accommodate smartphones or tablets in a protective case. A protective case is provided for storing your camera and keeping it free of scratches.

APPLICATIONS



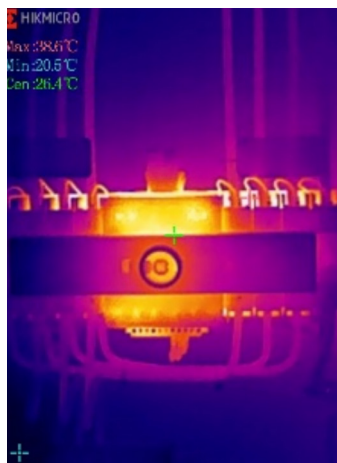
Home Inspection

Shooting with Mini2 V2



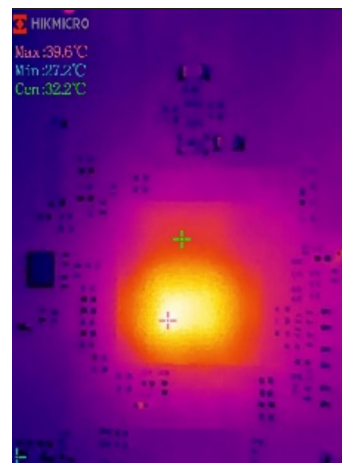
Electrical Fuse

Shooting with Mini2Plus V2



Electrical Inspection

Shooting with Mini3



PCB Board Detection

Shooting with Mini2Plus V2

WHAT'S IN THE BOX

1 Mini2 V2



2 Mini2plus V2



3 Mini3



+

* Mini2 V2/
Mini2Plus V2 Only

- Thermal Imager
- Protective Case
- Quick Start Guide
- Extension Cord
- Extra Long Adapter*2

Model No		Mini2 V2	Mini2Plus V2	Mini3
Infrared Image	IR Resolution	256 × 192 (49,152 pixels)		384 × 288 (110,592 pixels)
	SuperIR	Yes, on captured images and live view		
	NETD	< 40 mK (@ 25 °C, F#=1.0)		< 30 mK (@ 25 °C, F#=1.0)
	Image Frequency	25 Hz		25/50HZ, switchable
	Focal Length	3.5 mm	6.9 mm	10 mm
	Field of View (FOV)	50° × 37.5°	25° × 18.8°	26° × 19°
	Focus Mode	Focus Free	Manual Focus	Manual Focus
Measurement and Analysis	Object Temperature Range	-20 °C to 400 °C (-4°F to 752°F)		-20°C to 650°C(-4°F to 1202°F)
	Accuracy	Max (±2°C/3.6°F, ±2%), applicable 60 sec after start-up when the 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, 1 line, and 3 rectangles.		
General	Weight	Approx. 20 g (0.044 lb)	Approx. 26 g (0.057 lb)	Approx. 45 g (0.099 lb)
	Dimension	42 × 22.5 × 11.2 mm (1.38 × 0.74 × 0.37 in)	26.6 × 26.6 × 24 mm (1.05 × 1.05 × 0.95 in)	47.6 × 26 × 26.59 mm (1.87 × 1.02 × 1.05 in)
	Compatibility	Android/ios		Android

*Data is subject to change without notice. The thermal pictures are for reference only, the actual effect shall prevail.

