

PCB Thermal Camera Kit

Designed for quick checks on PCB boards and electronic devices



Multiple Product Options

The Mini2Plus is a thermal camera designed to be attached to a smartphone, capable of capturing images of objects as small as $340\ \mu\text{m} \times 340\ \mu\text{m}$. The Pocket2, on the other hand, is a standalone thermal imager that features a 4.3" LCD touchscreen. To capture electronic components as miniscule as $100\ \mu\text{m} \times 100\ \mu\text{m}$, the Pocket2 requires a macro lens.

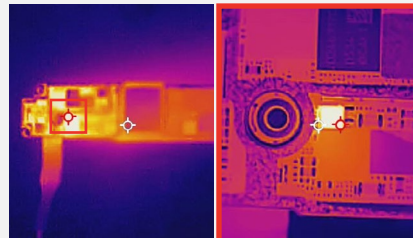


Mini2Plus

Pocket2 + Macro Lens

See Smaller Details

Small details are clearly visible, imaging the target as small as $100\ \mu\text{m} \times 100\ \mu\text{m}$. Accurately measure target temperatures as small as $500\ \mu\text{m} \times 500\ \mu\text{m}$.

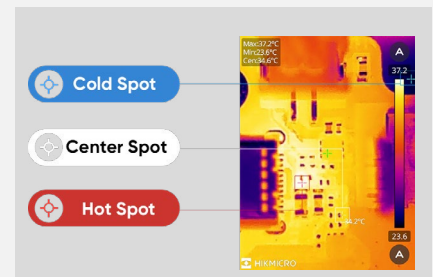


Without Macro Lens

With Macro Lens

Efficient Temperature Measurement

Measure temperatures across more than 49,152 points at once with its sensitive and accurate 256×192 detector. Automatically track and indicate the location of the center spot, hottest spot, and coldest spot.



Precise and Accurate

Providing precise temperature results helps ensure product quality assurance and factory acceptance.



Ultimate Image Quality

High-quality thermal images that can show temperature differences as small as $40\ \text{mK}$.

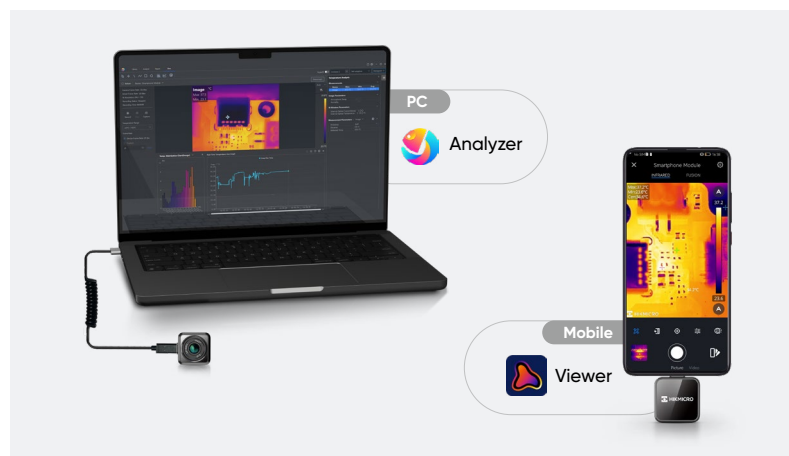


Smooth Viewing

25 Hz delivers smooth video and measurements while panning across scenes or viewing moving targets.

PROFESSIONAL SOFTWARE

1. Stream live video, and control your HIKMICRO thermal camera remotely.
2. Real-time radiometric video analysis to check temperature changes over time.
3. Support export temperature matrix for further analysis or documentation purposes.
4. Customize and generate reports for sharing with manager or customer



OPTIONAL ACCESSORIES

Using a clip-on macro lens, the Pocket Series see details as small as 500 microns



— Pocket Series Macro Lens —
100 Micron Spot Size Ratio
Model: HM-P201- MACRO

Adjustable Pole Mount and Stand for measuring distance from 20mm to 180mm.



— Desktop Stand Bracket —
Compatible with Pocket Series and Mini Series
Model: HM-AHBR02

	Mini2Plus	Pocket2 + Macro Lens (HM-P201-MACRO)
Camera Type	Smartphone Attachment	Standalone
IR Resolution	256 × 192 (49,152 pixels)	
NETD	< 40 mK (@ 25 °C, F#=1.0)	
Image Frequency	25 Hz	
Field of View (FOV)	25° × 18.8°	47.6° × 36.1°
Focus Mode	Manual Focus	Focus Free
Focusing Distance	From 100 mm to infinity	30 mm ± 1 mm (1.18" ± 0.04")
Min. Imaging Object Size	340 μm × 340 μm	100 μm × 100 μm
Min. Temperature Object Size	870 μm × 870 μm	500 μm × 500 μm
Object Temperature Range	-20 °C to 350 °C (-4°F to 662°F)	-20 °C to 150 °C (-4°F to 302°F)
Accuracy	Max (±2°C/3.6°F, ±2%)	Max (±3°C/3.6°F, ±3%)
Weight	Approx. 26 g	Approx. 227 g
Dimension	26.6 × 26.6 × 24 mm (1.05 × 1.05 × 0.95 in)	138.5 mm × 85.2 mm × 23.6 mm (5.45" × 3.35" × 0.93")

DISTRAME

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