

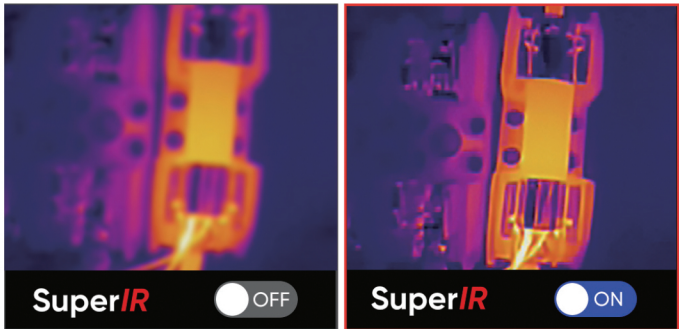
ECO-V

IR Performance, Surprisingly Affordable, and Absolutely Brilliant



Enhanced Thermal Clarity with SuperIR

Powered by HIKMICRO SuperIR image enhancement technology, it upscales thermal image from 96 × 96 (9,216 pixels) to **240 × 240** (57,600 pixels) resolution when **viewing live with 25 Hz** fast image frequency and capturing.



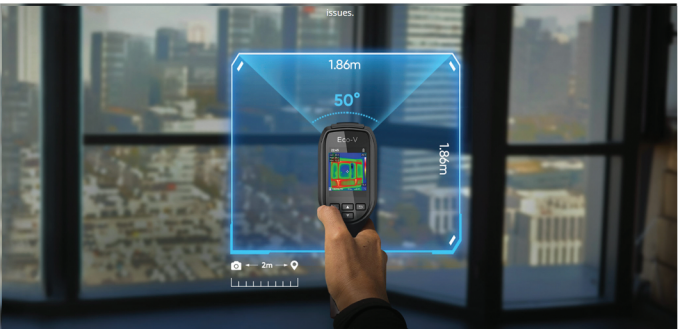
Rugged and Durable

Features **IP54**-rated form factor, passes strict drop tests up to 2 meters (6.56 feet) and comes with a three-year warranty.



50° Wide Angle Lens

Scan large areas quickly with the **50° wide angle lens** to find issues like air infiltration, water leaks, and insulation issues.



High Image Quality with Smooth Video

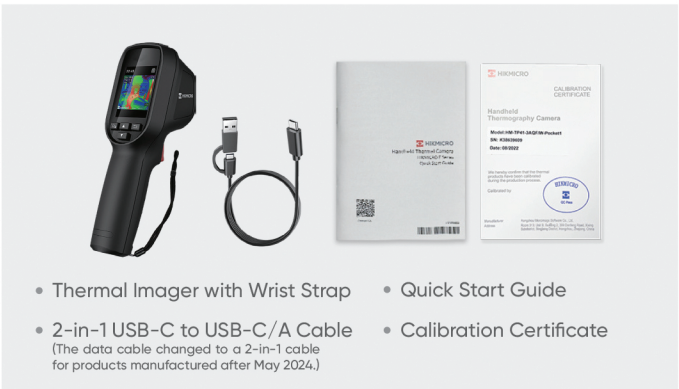
High Sensitivity IR sensor(NETD <0.05°C / NETD< 50mK) provides you with high image quality, easier-to-spot subtle heat loss or gain, and delivers high image quality. **25 Hz** fast image frequency delivers smooth video while panning across scenes or viewing moving targets.



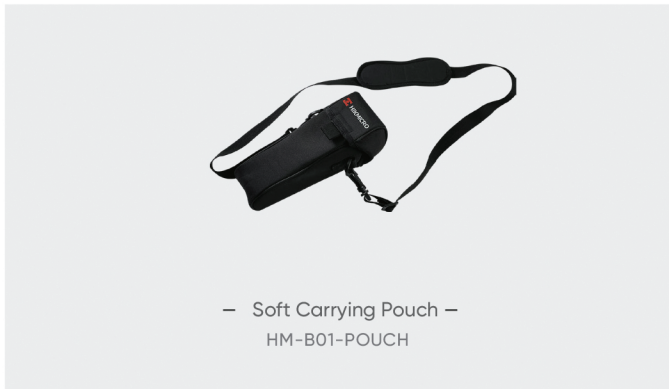
DISCOVER APPLICATIONS



WHAT'S IN THE BOX (Eco & Eco-V)



OPTIONAL ACCESSORIES (Eco & Eco-V)



SPECIFICATION

Infrared Image	IR Resolution	96 × 96 (9,216 pixels)
	SuperIR	240 × 240 (57,600 pixels)
	NETD	< 50 mK (@ 25°C, F# = 1.0)
	Image Frequency	25 Hz
	Field of View (FOV)	50° × 50°
	Focus Mode	Focus Free
Image Display	Display	240 × 320 Resolution, 2.4"LCD Screen
	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion
	Image Modes Thermal	Thermal/Visual/Fusion
Measurement & Analysis	Object Temperature Range	-20°C to 550°C (-4°F to 1022°F )
	Accuracy	Max (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)
	Measurement Tools	Center Spot, Hot Spot, Cold Spot
General	Storage Media	Built-in 4 GB flash memory
	Image Storage Capacity	Approx. 30,000 Images
	Battery Type	Rechargeable Li-ion battery
	Battery Charging Time	Approx. 3 hours fully charged(Adapter Output: 5 V 2 A)
	Battery Operating Time	Approx. 8 hours
	Protection Level	IP54
	Working Temperature Range	-10°C to 50°C (14°F to 122°F )
	Weight	Approx. 290 g (0.64 lb)
Dimension	Dimension	196 × 117 × 59 mm (7.7" × 4.6" × 2.3")

