

E SERIES

Compact thermal imaging camera for troubleshooting



Long Battery Life

Work all day on a single charge.



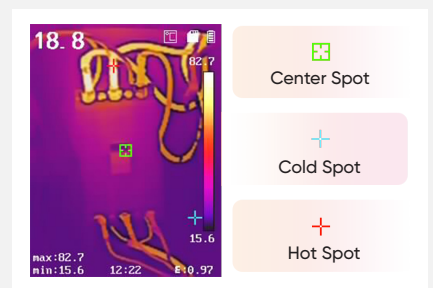
Laser Pointer

Laser Pointer helps show the position of the center point on actual object.



Efficient Temperature Measurement

Track the temperature of the Center Spot, Hot Spot, Cold spot automatically.



Light Weight

350 g (12.4 oz) compact design, easy to carry.



Rugged & Durable Design

IP54 rated for protection against water and dust. Featuring 2-meter (6.6ft) drop protection, suitable for industrial use.



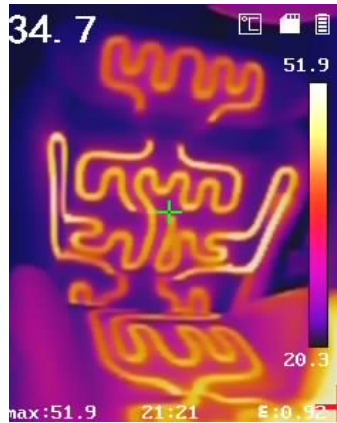
High Image Quality

A highly sensitive VOx detector (NETD < 40 mK) provides a distinct thermal vision of the target.

APPLICATIONS



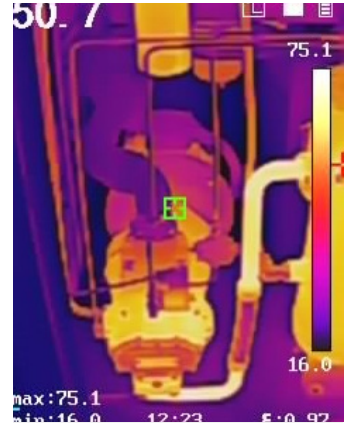
HVAC Inspection



Automotive Inspection



Electrical Inspection



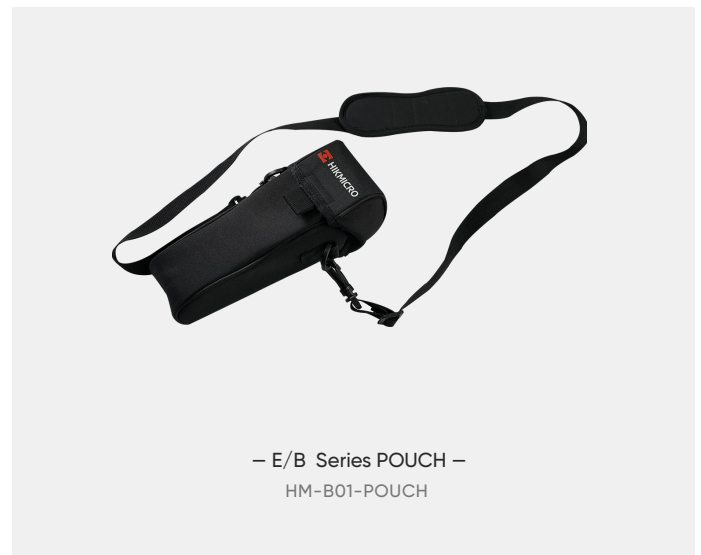
Mechanical Inspection

WHAT'S IN THE BOX



- Thermal Imager
- Power Supply
- USB 2.0 A to Micro USB Cable
- Calibration Certificate
- 8GB Micro SD card
- Wrist Strap
- International Use Plugs (US/EU/UK/AU/CN) for Power Supply
- Color Box Packaging
- Quick Start Guide

OPTIONAL ACCESSORIES



– E/B Series POUCH –
HM-B01-POUCH

Model No	E1L	
Infrared Image	IR Resolution	160 × 120 (19,200 pixels)
	NETD	< 40 mK (@ 25 °C, F#=1.0)
	Image Frequency	25 Hz
	Field of View (FOV)	37.2° × 50°
	Minimum Focus Distance	0.15 m (0.49 ft)
	Focus Mode	Focus Free
Image Display	Display	240 × 320 Resolution, 2.4" LCD Screen
	Measurement and Analysis	Object Temperature Range
Data Storage and Communication	Object Temperature Range	-20 °C to 550 °C (-4 °F to 1022 °F)
	Accuracy	Max (±2°C/3.6°F, ±2%), for the ambient temp. 15°C to 35 °C (59 °F to 95 °F) and object temp. above 0 °C (32°F)
	Storage Media	Removable 8 GB Micro SD Card
General	File Format	Radiometric JPEG
	Storage Capacity	Up to 120,000 images
	Durability	2m (6.56 ft) drop test, IP54
General	Laser Pointer	Yes
	Battery Operating Time	Approx. 8 hours

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