

# E SERIES

Compact thermal imaging camera for troubleshooting



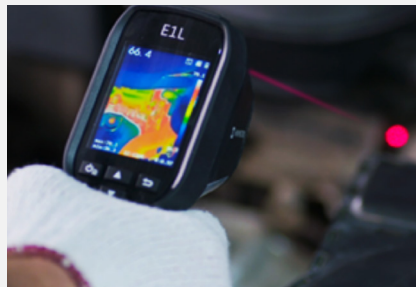
### Long Battery Life

Work all day on a single charge.



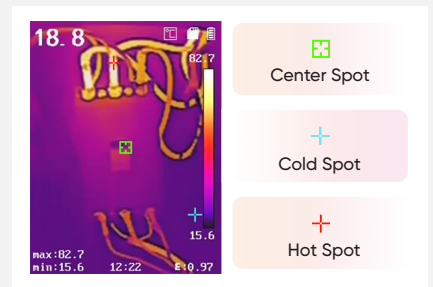
### Laser Pointer

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.



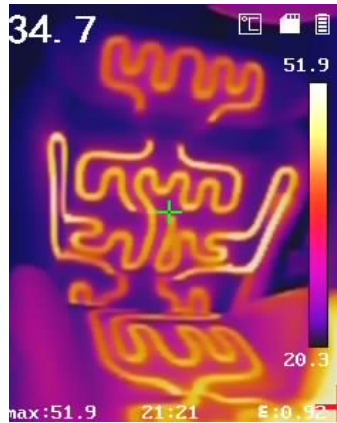
### High Image Quality

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

## APPLICATIONS



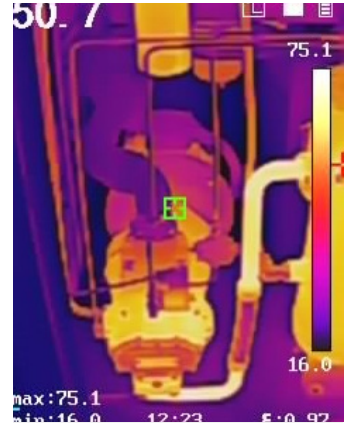
HVAC Inspection



Automotive Inspection



Electrical Inspection



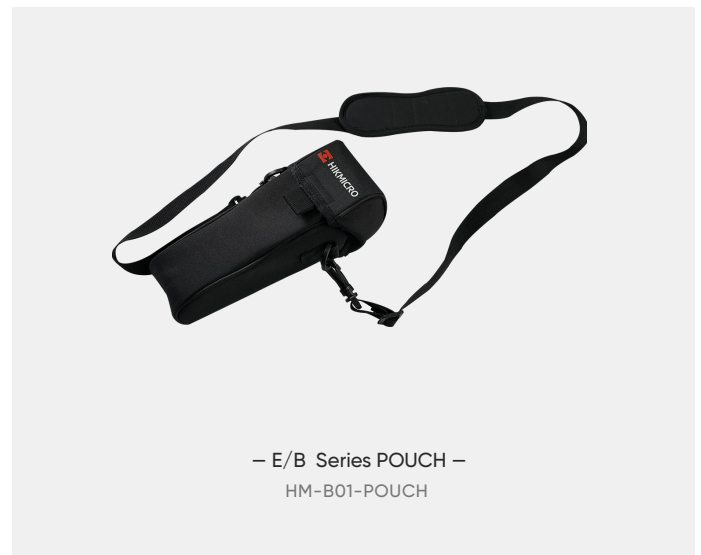
Mechanical Inspection

## 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