

E SERIES HANDHELD THERMOGRAPHY CAMERA

COMPACT EASY TO USE

THERMAL IMAGING CAMERA FOR DAILY OPERATION

- ◆ High Image Quality
- ◆ Efficient Temperature Measurement
- ◆ Light Weight
- ◆ Long Battery Life



SERIES

E1L

40 mK

Excellent Thermal Sensitivity

25 HZ

Smooth Image Frequency

3 Point

HD Visible Camera

8 h

8 hours Continuous Running

Laser

Laser Pointer

IP54

Rugged Ingress Protection

2 M

2m Drop Test Approved

**350g/
0.77 lb**

Light Weight

PC

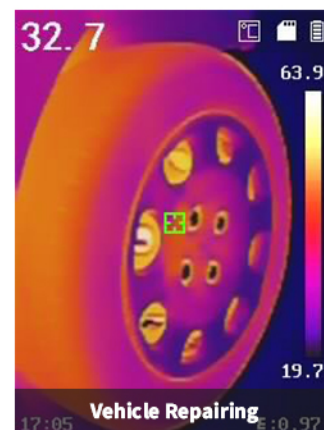
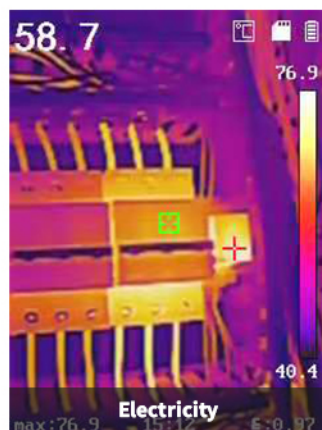
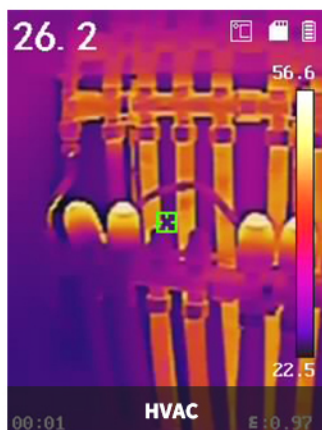
Powerful Analysis Software

APP

Practical Real-time Phone APP

HIKMICRO E1L is specially designed for temperature measurement in transformer substation. It's equipped with a 160×120 resolution thermal detector. The Thermography Ranges from -20 °C to 550 °C (-4 °F to 1022 °F)

Which Meets Most Situations. It helps the staff to quickly find the fault according to accurate temperature measurement of high temperature targets in the environment. Meanwhile it provides assistant decision and ensure safety. The device is mainly applied to various industries, such as Building, HVAC, and auto industry, etc.



THERMAL MODULE	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
	IR Resolution	160 × 120 (19 200 pixels)
	Pixel Pitch	17 μm
	NETD	< 40 mk (@25°C), F#=1.0
	Focal Length	3.1 mm
	F0V (Field of View)	37.2° × 50 °
	Image Frequency	25 Hz
	Focus	Fixed
	IFOV (Spatial Resolution)	5.48 mrad
IMAGE DISPLAY	Display	320 × 240 Resolution, 2.4" LCD Screen
	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow
THERMOGRAPHY	Range	-20 °C to 550 °C (-4 °F to 1022 °F)
	Accuracy	Max (±2 °C, ±2%)
	Measurement Presets	Center Spot, Hot Spot, Cold Spot, Off
BATTERY	Battery Type	Rechargeable Li-ion Battery
	Operating Time	Up to 8 hours continuous running
FUNCTIONS	Laser Pointer	Yes
	Level/ Span	Auto
	Menu Language	17 Languages
STORAGE	Storage Media	Removable SD Card (8G)
	Image Storage Capacity	150 000 Images
GENERAL	Protection Level	IP54
	Drop Test Height	2 m (6.56 ft)
	Weight	Approx. 350 g (0.77 lb)