

## KEY FEATURES

- 160 × 120 Resolution (Thermal), and 8 MP Resolution (Optical)
- Thermographic Accuracy up to ±0.9° F (±0.5° C) at 4.92 ft to 8.2 ft (1.5 m to 2.5 m)
- Display Fusion of Thermal View and Optical View
- 640 × 480 Resolution 3.5" LCD Touch Display
- Supports Live View on PC, Mobile Device, or External Monitor
- Supports Audio Intercom
- Supports Color Highlight Alarm and Audio Alarm

## APPLICATIONS

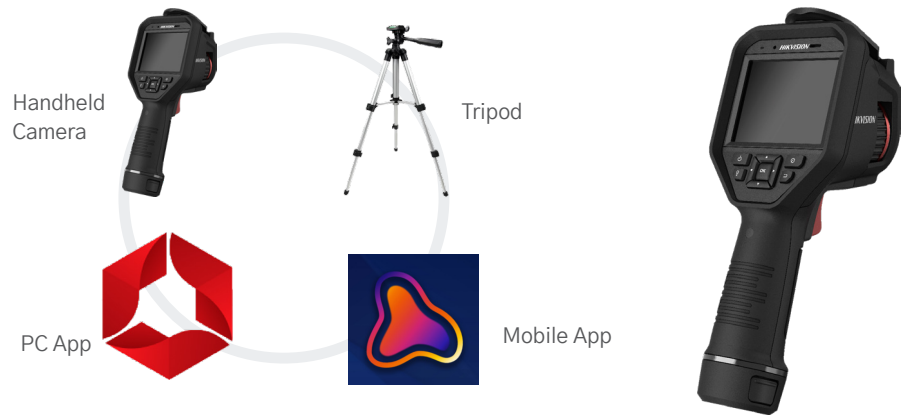
- Set Up Screening Checkpoints
- Perform Preliminary Screening
- Perform Secondary Check

## BENEFITS

- Non-contact Measurement to Avoid Physical Contact
- One Second Per Person for Skin-Surface Temperature Detection
- AI Detection, Greatly Reducing False Alarms

The Short-Range Thermal Screening Bundle allows for skin-surface temperature detection that is rapid and safe preliminary screening in public areas. Simultaneous temperature screening of multiple people greatly enhances efficiency.

The bundled thermographic handheld camera is specially designed for temperature measurement applications, where heat leaks and other abnormal changes in temperature must be identified. It is equipped with a 160×120 resolution thermal detector and 8 MP optical resolution. It combines thermal and optical images into a fusion display.



### Thermal Module

Image Sensor	Uncooled focal plane arrays
Resolution	25 Hz: 160 × 120
Pixel Pitch	17 μm
Response Waveband	8 μm to 14 μm
NETD	<40 mk (@ 25° C, F#=1.0)
Field of View	25° × 18.7°
Focal Length	6.2 mm (manual focus)
I FOV	2.74 mrad
Aperture	f/1.1

### Image Display

Digital Zoom	Thermal: 1x, 2x, 4x
Thermal/Optical	Thermal/optical/fusion image/picture-in-picture
Picture-in-Picture	Supports thermal view in optical view
Fusion	Supports thermal view and optical view combined
Record Video	Supports on-board video recording

### Battery

Battery Type	Dismountable and rechargeable li-ion battery
Battery Operating Time	4-5 hours
Storage	Built-in memory (16 GB)
Photo	Thermal/optical/fusion image
Video	Thermal/optical/fusion image
Wi-Fi	Supported
Text Comment	Supported
Voice Comment	Supported
Language	English

### Optical Module

Picture Resolution	2 MP, 5 MP, 8 MP
Video Resolution	640 × 480
Monitor	640 × 480 resolution
Palettes	3.5" LCD touch display Black hot, white hot, red hot, rainbow, ironbow, fusion, rain

### Thermography

Rules	Maximum temperature; minimum temperature; center temperature; custom point/line/area thermography
Accuracy	±0.9° F (±0.5° C) at 4.92 ft to 8.2 ft (1.5 m to 2.5 m)

### General

Power	5 VDC/2 A
Power Consumption	Maximum 4.5 W
Hardware Interface	Type-C interface
Working Temperature*	50° to 95° F (10° to 35° C)
*indoor and windless environment use only	
Protection Level	IP54
Drop Test Height	6.56 ft (2 m)
Dimension	9.6" × 3.9" × 4.1" (244mm × 100mm × 104mm)
Weight	With battery: 1.44 lb (653 g) Without battery: 1.13 lb (511 g)