

Thermographic Handheld Camera



The handheld thermal camera, specially designed for body temperature measurement. It's equipped with a 160×120 resolution thermal detector. It is capable to discover and track people with higher body temperature among the crowded public area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine.

Key Feature

- 160 × 120 resolution (thermal), and 8 MP resolution (optical)
- Thermographic accuracy up to ± 0.5 °C
- Display fusion of thermal view and optical view.
- 640 × 480 resolution 3.5" LCD touch display
- Support live view on PC, mobile device or external monitor
- Support audio intercom
- Support color highlight alarm and audio alarm Th

Specification

Parameter		Thermographic Handheld Camera
Thermal Module	Image sensor	Uncooled Focal Plane Arrays
	Resolution	25Hz: 160 × 120
	Pixel Pitch	17μm
	Response waveband	8μm to 14μm
	NETD	< 40 mk (@ 25 °C,F#=1.0)
	Field of View	25° × 18.7°
	Focal length	6.2 mm (Manual focus)
	IFOV	2.74 mrad
Optical Module	Aperture	F 1.1
	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
	Video Resolution	640 × 480
	Monitor	640 × 480 resolution 3.5" LCD touch display
Image Display	Palettes	Black hot, White hot, Red hot, Rainbow, Ironbow, Fusion, Rain
	Digital Zoom	Thermal : 1×, 2×, 4×
	Thermal / Optical	Thermal/Optical/Fusion image/Picture in picture
	Picture in Picture	Support Thermal View in Optical View
	Fusion	Support (Thermal View and Optical View Combined)
	Record Video	Support on-board video recording
Thermography	Rules	Max. Temperature; Min. Temperature; Center Temperature; Custom Point/Line/Area Thermography
	Range	30°C to 45°C
	Accuracy	±0.5°C
Battery	Battery Type	Dismountable and rechargeable Li-ion Battery
	Battery Operating Time	5 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light off.
		4 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light on.
	Storage	Built-in memory module (16 G)
	Photo	Thermal/Optical/Fusion image
	Video	Thermal/Optical/Fusion image
	Wi-Fi	Support
	Text Comment	Support
Voice Comment	Support	
General	Language	English
	Power	5 VDC/2 A
	Power Consumption	Max. 4.5 W
	Hardware Interface	Type-C Interface
	Working Temperature	15°C to 35 °C
Protection level	IP54	

Dimension	244 mm × 100 mm × 104 mm (9.6 " × 3.9 " × 4.1 ")
Weight	With Battery: 653 g (1.44 lb) Without Battery: 511 g (1.13 lb)

Dimension

