DS-2TP21B-6AVF

Handheld Thermography Thermal Camera

The handheld thermal camera, specially designed to detect elevated skin-surface temperature with high accuracy in real time. It is equipped with a 160×120 resolution thermal detector, can be widely used for preliminary temperature screening in office buildings, factories, stations, airports and other public places.

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 color highlight alarm and audio alarm

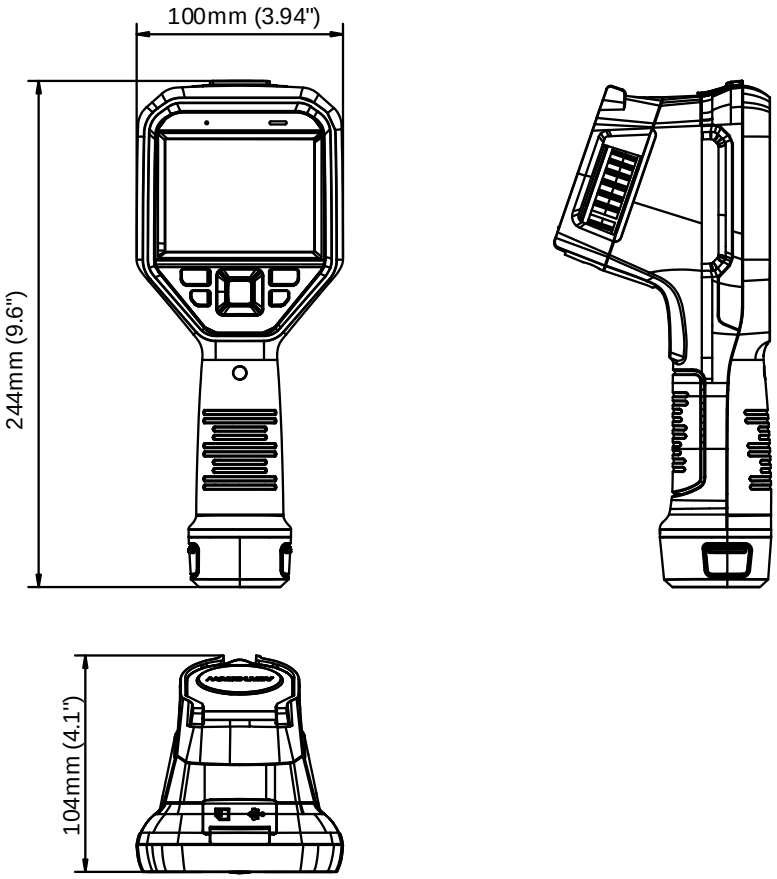
Specification

Model		DS-2TP21B-6AVF
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)
Optical Module	Field of View	25° × 18.7°
	Focal length	6.2 mm (Manual focus)
	IFOV	2.74 mrad
	Aperture	F 1.1
	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
	Video Resolution	640 × 480
Image Display	Monitor	640 × 480 resolution 3.5'' LCD touch 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 supplement light off. 4 hours in normal temperature, with supplement light on.
	Storage	Built-in memory module (16 G)
	Photo	Thermal/Optical/Fusion image
	Video	Thermal/Optical/Fusion image
	Text Comment	Support
	Voice Comment	Support
	Language	English
General	Power	5 VDC/2 A
	Power Consumption	Max. 4.5 W
	Hardware Interface	Type-C Interface
	Working Temperature	10°C to 35 °C
	Protection level	IP54
	Drop Test Height	2 m (6.56 feet)
	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)

Available Model
DS-2TP21B-6AVF

Dimension



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