

DS-2TP21B-6AVF

Temperature Screening Handheld Thermography Camera



The temperature handheld thermography camera, specially designed for skin-surface temperature measurement. The 3.5-inch touch screen displays picture in picture of optical and thermal view, fusion of both channels. It helps you quickly find the exception according to accurate temperature measurement of high temperature targets in the environment.

Key Feature

- 160 × 120 resolution (thermal), and 8 MP resolution (optical)
- DDE, 3D DNR, and adaptive AGC
- 640 × 480 resolution 3.5" LCD touch display
- Up to five hours continuous running

Function

Alarm

Device supports audio alarm if temperature is higher than the setting value.

Real-time Preview

Device supports connecting to PC by USB cable for real-time preview.

Temperature Measurement

Device supports detecting highest temperature of the scene, and alarm will be triggered if the detected temperature exceeds the alarm threshold in setting area.

Multilanguage

Device supports 19 languages.



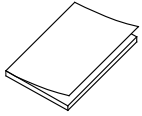
Specification

Model		DS-2TP21B-6AVF
Parameter		Temperature Screening Handheld Thermography Camera
Thermal Module	Image sensor	Uncooled Focal Plane Arrays
	Resolution	25Hz: 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)
	IFOV	2.74 mrad
Optical Module	Aperture	F 1.1
	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
	Video Resolution	640 × 480
	Screen	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 (-4 °F to 1022 °F)
	Accuracy	±0.5 °C
Battery	Battery Type	Dismountable and rechargeable Li-ion Battery
	Battery Operating Time	5 hours @25 °C
Function	Photo	Thermal/Optical/Fusion image
	Video	Thermal/Optical/Fusion image
	Text Comment	Support
	Voice Comment	Support
	Storage	Replaceable memory card (default 16 G, support up to 128 G storage)
General	Language	English, Russian, Hungarian, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Turkish, Korean, Traditional Chinese, Japanese, Arabic
	Power	5 VDC/2 A
	Power Consumption	Max. 4.5 W
	Hardware Interface	Type-C Interface
	Working Temperature	10 °C to 35 °C (50 °F to 95 °F)
	Protection level	IP54
	Drop Test Height	2 m (6.56 feet)
Dimension	244 mm × 100 mm × 104 mm (9.6 " × 3.9 " × 4.1 ")	

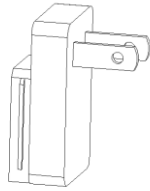
Weight

With Battery: 660 g (1.45 lb)
Without Battery: 511 g (1.13 lb)

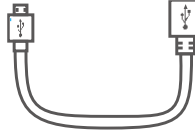
Accessory



Quick Start Guide
(x1)



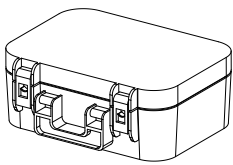
Adapter (x4)



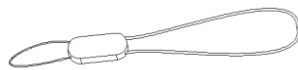
USB Cable (x1)



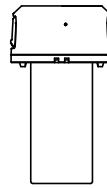
Power Adapter (x1)



Box (x1)



Wrist Strap (x1)

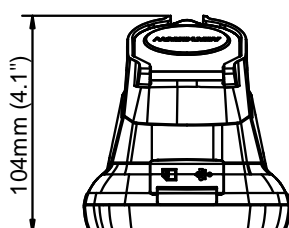
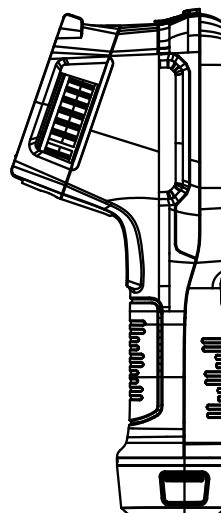
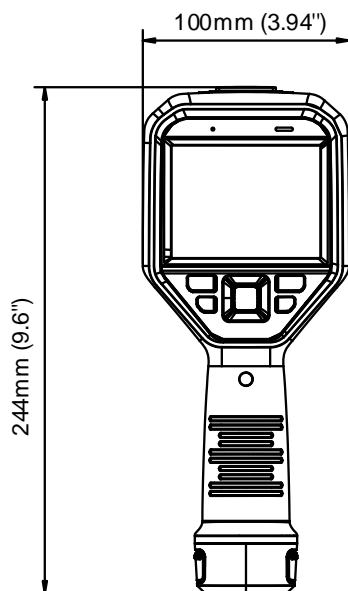


Battery (x1)

Available Model

DS-2TP21B-6AVF

Dimension



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