

DS-2TP21B-6AVF/W

Temperature Screening Thermographic Handheld Camera



The temperature screening thermographic handheld 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

Thermography

Device detects the real-time temperature, and display it on the screen.

Cast Screen

Device can connect the monitor wirelessly and show the device live view in real time.

Two-way Audio

Device can connect with Hik-Connect client software, or Hik-Thermal to realize wireless two-way audio.

Black Body Calibration

Device supports auto calibration and manual calibration. The Temperature accuracy is ± 0.3 °C (effective within half an hour for manual calibration).

Alarm

Device supports color and audio alarm if temperature is higher than the setting value. It uploads alarm triggered capture automatically.

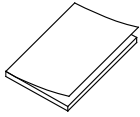


Specification

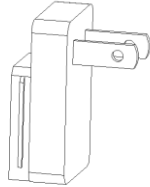
Model		DS-2TP21B-6AVF/W
Parameter		Temperature Screening Thermographic Handheld Camera
Thermal Module	Image sensor	Uncooled Focal Plane Arrays
	Resolution	25Hz: 160 × 120
	Pixel Pitch	17 μm
	Response waveband	8 μm to 14 μm
	NETD	< 40 mk (@ 25 °C, F#=1.0)
	Field of View	25° × 18.7°
	Focal length	6.2 mm (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
	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 (-4 °F to 1022 °F)
	Accuracy	±0.5 °C (±0.3 °C with black body calibration)
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	Replaceable memory card (16 G)
	Photo	Thermal/Optical/Fusion image
	Video	Thermal/Optical/Fusion image
	Lighting	Support
	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	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)

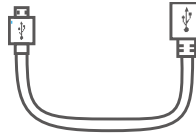
Accessory



User Manual (x1)



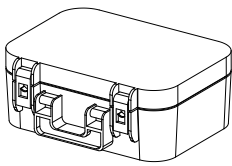
Adapter (x5)



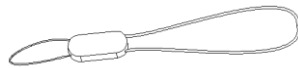
USB Cable (x1)



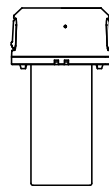
Power Adapter (x1)



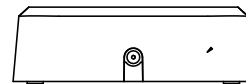
Box (x1)



Wrist Strap (x1)



Battery (x2)

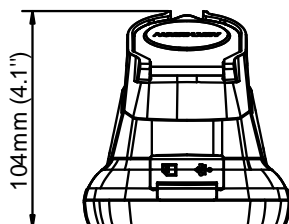
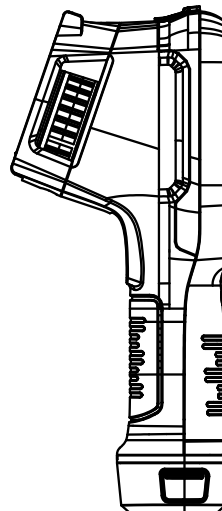
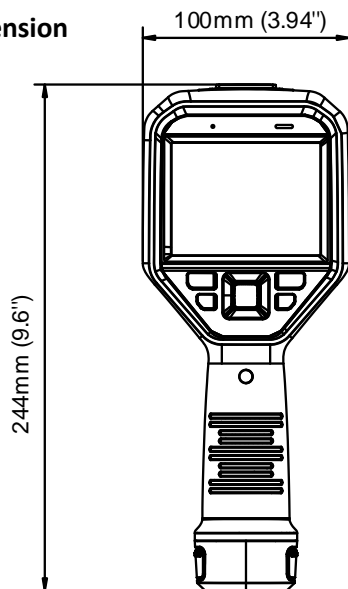


Charging Base (x1)

Available Model

DS-2TP21B-6AVF/W

Dimension



Distributed by

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