

DS-2TP21B-6AVF/W

Temperature Screening Handheld Thermography Camera



The temperature screening 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

Black Body Calibration

Device supports auto calibration and manual calibration. The Temperature accuracy can reach ± 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.

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.

Client Software Connection

Device supports connecting with Hik-Thermal APP via Wi-Fi to upload alarm triggered capture.

Device supports connecting with iVMS 4200 to view the device live view and upload alarms.

Multilanguage

Device supports 19 languages.

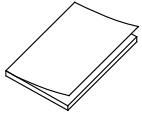


Specification

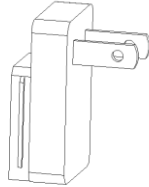
| Model | | DS-2TP21B-6AVF/W |
|----------------|------------------------|---|
| Parameter | | Temperature Screening Handheld Thermography Camera |
| Thermal Module | Image sensor | Uncooled Focal Plane Arrays |
| | Resolution | 25Hz: 160 × 120 |
| | Pixel Pitch | 17 μm |
| | Response waveband | 8 μm 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 (±0.3 °C with black body calibration) |
| Battery | Battery Type | Dismountable and rechargeable Li-ion Battery |
| | Battery Operating Time | 5 hours @ 25 °C, with Wi-Fi, and Bluetooth off. 4 hours @ 25 °C, with Wi-Fi, and Bluetooth on. |
| Function | Storage | Replaceable memory card (default 16 G, support up to 128 G storage) |
| | Photo | Thermal/Optical/Fusion image |
| | Video | Thermal/Optical/Fusion image |
| | Wi-Fi | Yes |
| | Text Comment | Yes |
| | Voice Comment | Yes |
| 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) |

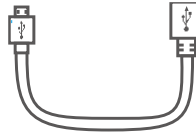
Accessory



Quick Start Guide
(x1)



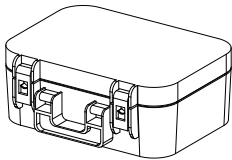
Adapter (x4)



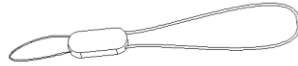
USB Cable (x1)



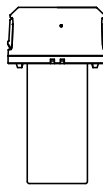
Power Adapter (x1)



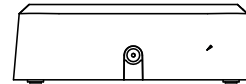
Box (x1)



Wrist Strap (x1)



Battery (x2)

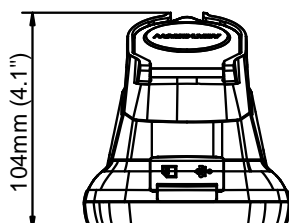
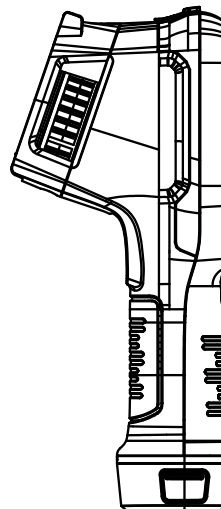
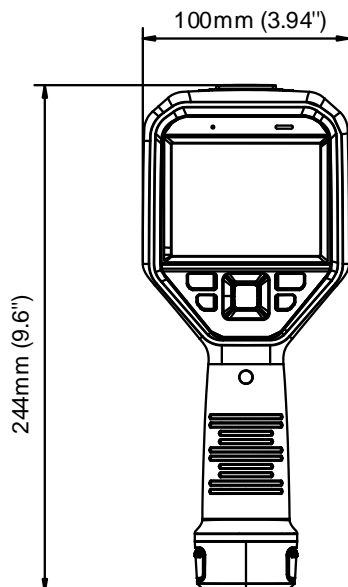


Charging Base (x1)

Available Model

DS-2TP21B-6AVF/W

Dimension



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