

DS-2TP21B-6AVF/W

Body Temperature Measurement Camera



The Hikvision DS-2TP21B-6AVF/W handheld thermal camera is specially designed for body temperature measurement. It's equipped with a 160×120 resolution thermal detector. It is capable of discovering and tracking people with elevated body temperatures in crowded public areas and can be widely used in places such as customs, airport, schools, and hospitals for inspection and quarantine.

Available Models:

DS-2TP21B-6AVF/W

- 160 × 120 Resolution (Thermal), and 8 MP Resolution (Optical)
- Thermographic Accuracy up to $\pm 0.9^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$)
- Display Fusion of Thermal View and Optical View
- 640 × 480 Resolution 3.5" LCD Touch Display
- Supports Live View on PC, Mobile Device, or External Monitor
- Supports Audio Intercom
- Supports Color Highlight Alarm and Audio Alarm



Specifications

DS-2TP21B-6AVF/W	
Thermal Module	
Image Sensor	Uncooled focal plane arrays
Resolution	25 Hz: 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
Aperture	f/1.1
Optical Module	
Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
Video Resolution	640 × 480
Monitor	640 × 480 resolution 3.5" LCD touch display
Palettes	Black hot, white hot, red hot, rainbow, ironbow, fusion, rain
Image Display	
Digital Zoom	Thermal: 1x, 2x, 4x
Thermal/Optical	Thermal/optical/fusion image/picture-in-picture
Picture-in-Picture	Supports thermal view in optical view
Fusion	Supports thermal view and optical view combined
Record Video	Supports on-board video recording
Thermography	
Rules	Maximum temperature; minimum temperature; center temperature; custom point/line/area thermography
Range	86° to 113° F (30° to 45° C)
Accuracy	±0.9° F (±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 GB)
Photo	Thermal/optical/fusion image
Video	Thermal/optical/fusion image
Wi-Fi	Supported
Text Comment	Supported
Voice Comment	Supported
Language	English
General	
Power	5 VDC/2 A
Power Consumption	Maximum 4.5 W
Hardware Interface	Type-C interface
Working Temperature	59° to 95° F (15° to 35° C)
Protection Level	IP54
Drop Test Height	6.56 ft (2 m)
Dimension	9.6" × 3.9" × 4.1" (244 mm × 100 mm × 104 mm)
Weight	With battery: 1.44 lb (653 g) Without battery: 1.13 lb (511 g)

Dimensions

