

## DS-2TP21B-6AVF/W

### Temperature Measurement Camera



- 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

The Hikvision DS-2TP21B-6AVF/W handheld thermal camera is specially designed for temperature measurement applications, where heat leaks and other abnormal changes in temperature must be identified.

It is equipped with a 160×120 resolution thermal detector and 8 MP optical resolution. It combines thermal and optical images into a fusion display.

#### Available Models:

DS-2TP21B-6AVF/W



# Specifications

DS-2TP21B-6AVF/W	
<b>Thermal Module</b>	
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
<b>Optical Module</b>	
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
<b>Image Display</b>	
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
<b>Thermography</b>	
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)
<b>Battery</b>	
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
<b>General</b>	
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

