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 ±0.9° F (±0.5° 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-BAVF/W**

**Thermal Module**
- Image Sensor: Uncooled focal plane arrays
- Resolution: 25 Hz; 160 x 120
- Pixel Pitch: 17 μm
- Response Waveband: 8 μm to 14 μm
- NETD: <40 mK (@ 25°C, F#=1.0)
- Field of View: 25° x 18.7°
- Focal Length: 6.2 mm (manual focus)
- Aperture: f/1.1

**Optical Module**
- Picture Resolution: Configurable: 2 MP, 5 MP, 8 MP
- Video Resolution: 640 x 480
- Monitor: 640 x 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
- Storage: 4 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light on
- 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/2A
- 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: 8.56 ft (2.6 m)
- Dimension: 9.8” x 3.9” x 6.1” (244 mm x 100 mm x 154 mm)
- Weight: With battery: 1.44 lb (653 g)
- Without battery: 1.13 lb (511 g)

---

Dimensions

![Dimensions Diagram]