

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**

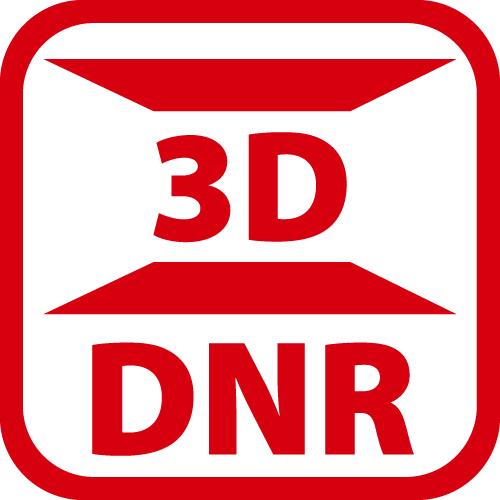
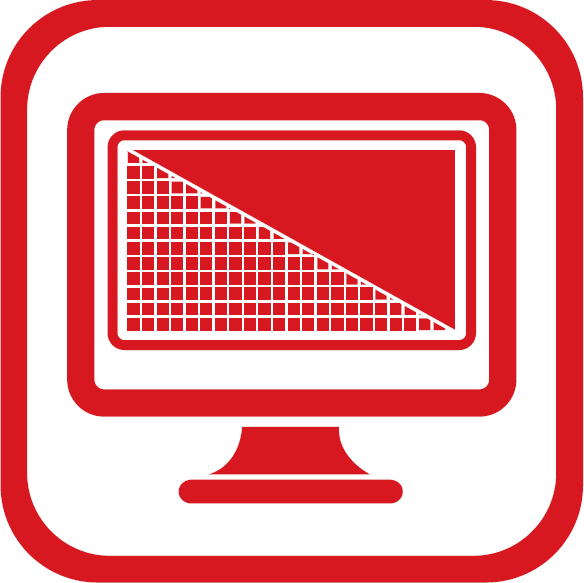
Device can connect with Hik-Connect client software, or Hik-Thermal to realize wireless two-way audio.

**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.

**DS-2TP21B-6AVF/W**

**Temperature Screening T****hermographic Handheld Camera**

**Specification**

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| **Model**  **Parameter** | | **DS-2TP21B-6AVF/W** |
| 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 |
| Aperture | F 1.1 |
| **Optical Module** | Picture Resolution | Configurable: 2 MP, 5 MP, 8 MP |
| Video Resolution | 640 × 480 |
| **Image Display** | Monitor | 640 × 480 resolution 3.5’’ LCD touch 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 |
| Language | English |
| **General** | 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**

|  |  |  |  |
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|  |  |  |  |
| User Manual (×1) | Adapter (x5) | USB Cable (x1) | Power Adapter (x1) |
|  | C:\Users\minjing\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\CA12E5B6.PNG |  |  |
| Box (×1) | Wrist Strap (x1) | Battery (x2) | Charging Base (x1) |

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**Available Model**

DS-2TP21B-6AVF/W

**Dimension**

