

DS-2TP31B-3AUF

Body Temperature Measurement Camera



The handheld thermal camera, specially designed for body temperature measurement. It's equipped with a 160×120 resolution thermal detector. It helps to quickly detect fever

Key Features

- 160 × 120 resolution
- Thermographic accuracy up to $\pm 0.5^{\circ}\text{C}$
- 320 × 240 resolution 2.4" LCD display
- Built-in rechargeable Li-ion battery
- Up to 8 hours continuous running

Functions

Thermography

Device detects the real-time temperature, and display it on the screen.

Storage

Device is equipped with replaceable memory card to store recorded captured snapshots, and important data.

Palette

Device supports 4 palettes.

Specification

| Parameter | | Model | DS-2TP31B-3AUF |
|----------------|------------------------|-------|--|
| | | | Handheld Thermography Camera |
| Thermal Module | Image sensor | | Uncooled Focal Plane Arrays |
| | Max. Resolution | | 160 × 120 |
| | Pixel Pitch | | 17μm |
| | Response waveband | | 8μm to 14μm |
| | NETD | | < 40mK (@ 25 °C,F#=1.0) |
| | Field of View | | 37.2° × 50 ° |
| | Focal length | | 3.1 mm |
| | IFOV (mrad) | | 5.48 mrad |
| | Min. Focus Length | | ≥ 150 mm |
| | Aperture | | F 1.1 |
| Image Display | Monitor | | 320 × 240 resolution 2.4'' LCD display |
| | Palettes | | Black hot, White hot, Rainbow, Ironbow |
| Thermography | Rules | | 3 thermometry points: Max. Temperature; Min. Temperature; Center Temperature |
| | Thermographic Range | | 30°C to 45 °C |
| | Thermographic Accuracy | | ±0.5 °C |
| Battery | Battery Type | | Rechargeable Lithium Battery |
| | Battery Operating Time | | 8 hours continuous running |
| | Storage | | Replaceable memory card (default 8G, support up to 128G storage) |
| | Photo | | Thermal image |
| | Video | | N.A. |
| | Language | | English |
| General | Power | | 3.7 V DC/0.4 A |
| | Power Consumption | | Less than 1.2 W |
| | Hardware Interface | | micro USB |
| | Working Temperature | | -10 °C to 50 °C (14 °F to 122 °F) |
| | Protection level | | IP54 |
| | Drop Test Height | | 2 m (6.56 feet) |
| | Dimension | | 196 mm × 117 mm × 59 mm (7.7 " × 4.6 " × 2.3 ") |
| | Weight | | Approx. less than 350 g (0.77 lb) |
| | Accessory | | Power Adaptor, USB cable, 8GB memory card, User manual, Disk, Wrist Strap |

Dimension

