

# DS-2TP31B-3AUF

# Handheld Thermography Thermal Camera



- 160 × 120 Resolution
- Thermographic Accuracy: ±0.9° F (±0.5° C)
- 320 × 240 Resolution, 2.4" LCD Display
- Built-In Rechargeable Li-Ion Battery
- Up to 8 Hours Continuous Operation
- Displays Real-Time Temperature on Screen
- 8 GB MicroSD Memory Card (128 GB Maximum) To Store Snapshots/Data
- Supports 4 Palettes

Hikvision's DS-2TP31B-3AUF Handheld Thermography Thermal camera is specially designed to detect elevated skin-surface temperature with high accuracy in real time. It is equipped with a 160×120 resolution thermal detector. It can be widely used for preliminary temperature screening in office buildings, factories, stations, airports, and other public places.

#### Available Model

DS-2TP31B-3AUF





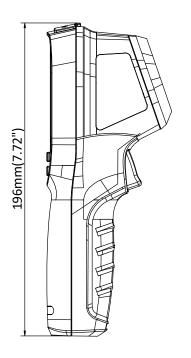


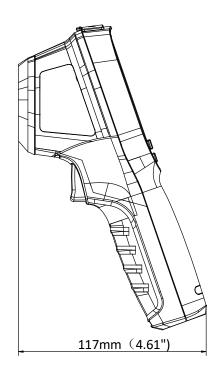
## **Specifications**

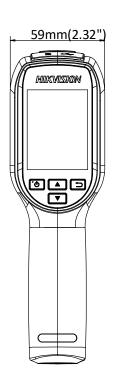
|                |                        | DS-2TP31B-3AUF   |
|----------------|------------------------|--|
| Thermal Module | Image Sensor           | Uncooled focal plane arrays  |
|                | Maximum Resolution     | 160 × 120  |
|                | Pixel Pitch            | 17 μm  |
|                | Response Waveband      | 8 μm to 14 μm  |
|                | NETD                   | <40 mK (@ 25° C, F#=1.0)   |
|                | Field of View          | 37.2° × 50°  |
|                | Focal Length           | 3.1 mm   |
|                | IFOV (mrad)            | 5.48 mrad  |
|                | Minimum Focus Length   | ≥5.9" (≥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: maximum temperature, minimum temperature, center temperature |
|                | Thermographic Range    | 86° to 113° F (30° to 45° C)   |
|                | Thermographic Accuracy | ±0.9° F (±0.5° C)  |
| Battery        | Battery Type           | Rechargeable lithium battery   |
|                | Battery Operating Time | 8 hours continuous operation   |
| General        | Storage                | MicroSD memory card slot (includes 8 GB, supports up to 128 GB storage)            |
|                | Photo                  | Thermal image  |
|                | Language               | English  |
|                | Power                  | 3.7 VDC/0.4 A  |
|                | Power Consumption      | Less than 1.2 W  |
|                | Hardware Interface     | Micro USB  |
|                | Working Temperature    | (10° to 35° C)   |
|                | Protection Level       | IP54   |
|                | Drop Test Height       | 6.56 ft (2 m)  |
|                | Dimension              | 7.7" × 4.6" × 2.3" (196 mm × 117 mm × 59 mm)                                       |
|                | Weight                 | Approximately <0.77 lb (<350 g)  |
|                | Included Accessories   | Power adaptor, USB cable, 8 GB microSD memory card, user manual, disc, wrist strap |



### **Dimensions**







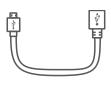
### **Box Contents**



User Manual x 1



Disc



USB Cable x 1



Power Adapter x 1



Wrist Strap x 1