

HIKVISION®



sperosens
safety through innovation

DS-2TP31B-3AUF

Body Temperature
Measurement Camera

DeepinView^{series}

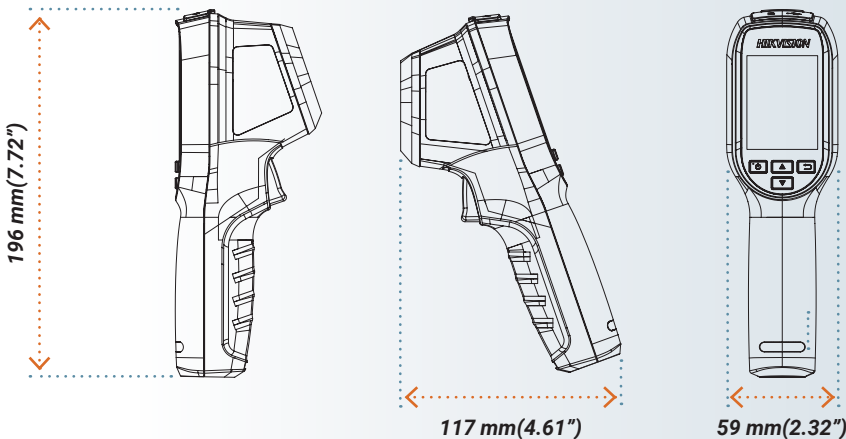


A handheld thermal camera specially designed for quick and easy body temperature measurement. It is equipped with a 160×120 resolution thermal detector, enabling the quick detection of fever in a person being screened.

KEY FEATURES

- 160 × 120 resolution
- Thermographic accuracy up to ± 0.5 °C
- 320 × 240 resolution 2.4" LCD display
- Built-in rechargeable Li-ion battery
- Up to 8 hours continuous running

DIMENSIONS :



FUNCTIONS

Thermography

Real-time detection and display of temperature on the screen.

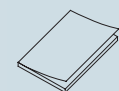
Storage

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

Palette

Device supports 4 palettes.

BOX CONTENT :

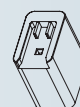


User Manual (x1)

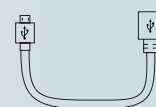


DISK

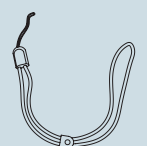
Disk (x1)



Power Adapter (x1)



USB Cable (x1)



Wrist Strap (x1)

DS-2TP31B-3AUF

Body Temperature Measurement Camera

SPECIFICATIONS:

THERMAL MODULE

Image Sensor	Uncooled Focal Plane Arrays
Max. Resolution	160 × 120
Pixel Pitch	17 μm
Response Waveband	8 μm to 14 μm
NETD (Noise Equivalent Temperature Difference)	< 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