

## 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  $\pm 0.5$  °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.



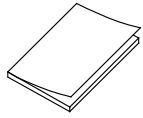
## Specification

Parameter		Model	DS-2TP31B-3AUF
			Handheld Thermography Camera
<b>Thermal Module</b>	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
<b>Image Display</b>	Monitor		320 × 240 resolution 2.4'' LCD display
	Palettes		Black hot, White hot, Rainbow, Ironbow
<b>Thermography</b>	Rules		3 thermometry points: Max. Temperature; Min. Temperature; Center Temperature
	Thermographic Range		30°C to 45 °C
	Thermographic Accuracy		±0.5 °C
<b>Battery</b>	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
<b>General</b>	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	

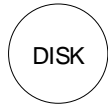
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**Order Models**  
DS-2TP31B-3AUF

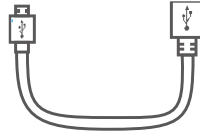
**Box Content**



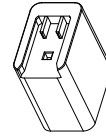
User Manual (x1)



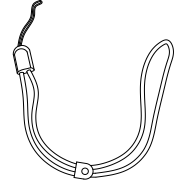
Disk (x1)



USB Cable (x1)



power Adapter  
(x1)



Wrist Strap (x1)

**Dimension**

