

TherPocket96PLUS

Pocket-size Thermal Camera



Description :

The **TherPocket96PLUS** is an efficient, economical and fully equipped infrared camera. Its compact size and ergonomic shape with its intuitive and easy one-handed operation makes it easy to carry and hold, fitting perfectly in your pocket or tool bag. Ideal tool for troubleshooting electrical installations, mechanical components, buildings, process equipment, HVAC/R equipment and others.



Key Features :

- Thermal resolution: 96 × 96 (9,216 pixels)
- 112:1 Distance to spot ratio (D:S)
- SuperIR: 240 × 240 (57,600 pixels)
- NETD: < 50 mK (@ 25°C, F# = 1.0)
- Measurement presets: center spot, hot spot, cold spot, off
- 25 Hz image frequency
- Laser pointer
- Built-in 4 GB flash memory: 30,000 pictures
- Up to 4 hours continuous running
- Thermal/Visual/Fusion

Accessories included:

- USB2.0 to USB Type-C cable
- Operation Guide
- Wrist strap
- Calibration certificate



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Specifications	
IR Image	
IR Resolution	96x96 (9.216 pixels)
SuperIR	240x240 (57.600 pixels)
D:S ratio	112:1
NETD	<50 mk
Image Frequency	25Hz
Spectral Range	7,5 a 14 μ m
Focal Length	1.35 mm/F1.0
Field of View(FOV)	50° x 50°
Spatial Resolution(IFOV)	8.89 mrad
Min. Focus Distance	0.1 m
Focus Mode	Focus-free
Image Display	
Display	240 × 320 Resolution, 3.5" LCD Screen
Image Modes	Thermal/Visual/Fusion/PIP/Blending
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue Red
Digital Zoom	1.0x to 4.0x continuous
Visual Camera	640 × 480
Measurement and Analysis	
Object Temperature Range	-20°C to 350°C (-4°F a 662°F)
Accuracy	Max. ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
Measurement Tools	Center Spot, Hot Spot, Cold Spot
Level and Span Mode	Auto/Manual/1-Tap Touch-screen

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Data Storage and Communication

Storage Media	Built-in 4 GB flash memory
Image Storage Capacity	Approx. 30,000 Images
USB Interface	USB Type-C
Video Storage Capacity(MP4)	Approx. 20 hours

General

LED Light	Yes
Battery Type	Rechargeable Li-ion battery
Battery Operating Time	4 hours approx.
Battery Charging Time	Approx. 2.5 hours fully charged
Power Supply	USB-C (5V/2A)
Wi-Fi	802.11 b/g/n (2.4 GHz)
Working Temperature Range	-10°C to 50°C (14°F to 122°F)
Storage Temperature Range	-40°C to 70°C (-40°F to 158°F)
Relative Humidity	< 95% non-condensing
Protection Level	IP54
Tripod Mounting	UNC ¼"-20
Weight	Approx. 218 g (0.481 lb)
Dimensions	138.45 × 85.2 × 23.6 mm (5.45 × 3.35 × 0.93 in)
Contents	Thermal imager, USB cable, wrist strap, manual

Product Code Information

SKU	KPSTHERPOCKET96PLUSCBINT
EAN code	8435394790275
UPC code	810053679043

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