

TherMINI96PLUS

Thermal imager for smartphone

Description :

THERMINI96PLUS is your affordable solution for home inspection and thermal troubleshooting. With its advanced features like SuperIR image enhancement and precise temperature readings, identifying problem areas and making informed decisions have never been easier. Customize your image effects with the support of a custom palette. Plus, its compatibility with both iOS and Android devices makes it a convenient and reliable tool for thermal imaging. Whether you're a homeowner or a DIY enthusiast, the TherMini96PLUS is the versatile smartphone thermal camera that will assist you in all your thermal imaging needs..



Key Features :

- Thermal resolution: 96 × 96 (9,216 pixels)
- SuperIR image enhancement technology on live view and captured images
- 3-in-1: USB-C (iOS & Android), Lightning (Includes a Lightning to USB-C adapter)
- NETD: < 50 mK (@ 25 °C, F#=1.0)
- Accuracy: ± 2 °C (-20 °C to 100 °C) ; ± 2 % (100 °C to 400 °C)
- 20 g Weight

Accessories included:

- USB-C extension cord
- Lighting Adapter
- USB-C Extension Adapter
- Protective case



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Specifications

IR Image

IR Resolution	96x96 (9.216 pixels)
SuperIR	Yes, on captured images and live view
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

Image Modes	Thermal/PiP
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Sepia, Color, Ice Fire, Rain, Red Hot, Green Hot, Dark Blue, Combined, Custom Palette

Measurement and Analysis

Object Temperature Range	Range -20°C to 150°C (-4°F to 302°F) Range 100°C to 400°C (212°F to 752°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 User-definable: 3 spots, 3 rectangles and 1 line .
Level and Span Mode	Auto / Manual

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General

Power Consumption	310mW
Working Temperature Range	-10°C to 50°C (14°F to 122°F)
Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	< 95% non-condensing
Protection Level	IP40
Drop Test Height	1 m (3.28ft)
Interface	USB-C Android, USB-C iOS, Lightning iOS (Includes a Lightning to USB-C adapter)
Weight	Approx. 20 g (0.044 lb)
Dimensions	41.56 × 34.03 × 10.79 mm (1.64 × 1.34 × 0.42 in)
Device compatibility	iOS (version 14 and later), Android (version 7 and later) smartphones and tablets, or Windows devices
Software Compatibility	THG Start APP for iOS and Android

Product Code Information

SKU	KPSTHERMINI96PLUSCBINT
EAN code	8435394791104
UPC code	810053679654