

TherCam384PLUS

Advanced thermal imaging camera



Description :

The thermal camera **TherCam384PLUS** is designed for temperature measurement to find invisible faults. A highly sensitive VOx detector (NETD < 35 mK), IR resolution up to 384 x 288 (110,592 pixels) provides a distinct thermal vision of the target.. The thermography ranges from -20°C to 550°C (-4°F to 1022°F) which meets most situations. It allows Text or audio annotations within the images instead of taking notes by hand, helping to improve inspection efficiency and productivity. The device is mainly applied to various industries, such as Building, HVAC, and auto, industry, etc.



Key Features :

- Thermal resolution: 384 × 288 (110,592 pixels)
- NETD : < 35 mK (@ 25°C,F#=1.0)
- Temperature measurement range : -20°C to 550°C (-4°F to 1022°F)
- Text & Audio annotations within the images
- Multiple Image Mode (Thermal, Fusion, PIP and Optical)
- Rugged & Durable Design (IP54 and 2m Drop Test)
- Laserpoint
- Connect THG App via Wi-Fi to transfer photos or videos from camera to mobile device. Analyze, share images, and generate reports in real-time on-site.



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Specifications	
IR Image	
IR Resolution	384 × 288 (110,592 pixels)
SuperIR	Yes, on captured thermal images
NETD	<35 mk
Image Frequency	30Hz
Detector Pitch	17 μm
Spectral Range	7,5 a 14 μm
Focal Length	9.7 mm/F1.0
Field of View(FOV)	37.5° × 28.5°
Spatial Resolution(IFOV)	1.75 mrad
Min. Focus Distance	0.2 m (0.98 ft)
Focus Mode	Manual
Image Display	
Visual Camera	3264 × 2448 (8 MP)
Display	640 × 480 Resolution, 3.5" LCD Touch Screen
Color Alarm	Above/Below/Interval/Insulation
Image Modes	Thermal/Visual/Fusion/PIP/Blending
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue Red
Measurement and Analysis	
Object Temperature Range	-20°C - 550°C (-4°F a 1022°F)
Accuracy	Max. (± 2°C/3.6°F, ± 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: 10 spots, 1 line, 5 rectangles, and 5 circles
Level and Span Mode	Auto/Manual/1-Tap Touch-screen

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Data Storage and Communication

Storage Media	Removable 64 GB Micro SD Card
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Image Storage Capacity	Approx. 100,000 Images
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Annotations	Voice note: max. 60 seconds; Text note: max. 200 characters
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Wi-Fi	802.11 b/g/n (2.4 GHz)
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Bluetooth	✓
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USB Interface	USB Type-C
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General

LED Light	Yes
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Battery Type	Rechargeable Li-ion battery
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Battery Operating Time	> 6 horas
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Battery Charging Time	Approx. 3 hours fully charged
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Working Temperature Range	-10°C to 50°C (14°F to 122°F)
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Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
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Relative Humidity	<95% non-condensing
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Protection Level	IP54
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Drop Test Height	2 m (6.56 ft)
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Tripod Mounting	UNC ¼"-20
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Weight	≈290g
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Dimensions	UNC ¼"-20
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Content	Thermal Imager, Calibration certificate, Qsguide, Carrying case, Charging base with adapter and Plugs (US/EU/UK/AU), 2 batteries, wrist strap, 64GB Micro SD card, USB-C cable
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Product Code Information

SKU	KPSTHERCAM384PLUSCBINT
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EAN code	8435394790299
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UPC code	810053679067
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