

M30 Thermographic Handheld Camera



The thermographic handheld camera is based on the thermal technology, specially designed for the needs of temperature measuring applications. People can quickly troubleshoot faults on-site.

Key Features

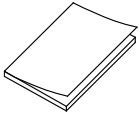
- Thermal resolution: 384 x 288 (110 592 pixels)
- NETD : < 35mK (@ 25 °C,F#=1.0)
- Temperature measurement range : -20 °C ~550 °C (-4°F~1022°F)
- Accuracy: Max (± 2 °C or $\pm 2\%$)
- Measurement Presets: Center spot, Hot spot, Cold spot, User Preset Point/Line/Box
- Manual focus
- 25 Hz image frequency
- 3.5" LCD touch screen display
- 8MP Optical camera
- Up to 4 hours continuous running

Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
IR Resolution	384 × 288 (110 592 pixels)
Pixel Pitch	17 μm
Spectral Range	8 - 14 μm
NETD	< 35 mK (@25°C), F#=1.0
Focal Length	10 mm
FOV (Field of View)	37.5° × 28.5 °
Image Frequency	25 Hz
Focus	Manual
IFOV (Spatial Resolution)	1.7mrad
Aperture	F1.0
Optical Module	
Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
Video Resolution	640 × 480
Focus	Fixed
FOV	37.5° × 28.5 °
Image Display	
Display	640 × 480 Resolution, 3.5" LCD Touch Screen
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain
Digital Zoom	1x, 2x, 4x, 8x
Image Modes	Thermal/Optical/Fusion/PIP
PIP	Thermal Picture in Optical Picture
Fusion	Thermal Picture and Optical Picture Combined
Measurement and Analysis	
Object Temperature Range	-20 °C to 550 °C (-4 °F to 1022 °F)
Accuracy	Max (±2 °C, ±2%)
Measurement Presets	Center Spot, Hot Spot, Cold Spot, Off
Point	10 User Presets
Line	1 User Presets
Box	3 User Presets
High Temperature Alarm	Audible Warning
Color Alarm (Isotherm)	Above/Below/Interval/Insulation
Storage	
Storage Media	Removable SD Card (64 GB)
Image Storage Capacity	120 000 Images
Image File Format	JPEG with Measurement Data Included
Video Storage Capacity	56 Hours
Video File Format	MP4

Functions	
Laser Pointer	Yes
Laser Type	Class II
LED Light	70 Lumens
Wi-Fi	802.11 a/ac/b/g/n (2.4 and 5 GHz)
Bluetooth	Bluetooth 4.2
Level/ Span	Auto/Manual
Text Comment	200 Characters at Most
Voice Comment	60 Seconds at Most
Menu Language	18 Languages English/German/French/Russian/Korean/Spanish/Portuguese/Italian/Japanese/Hungarian/Czech/Slovak/Polish/Romanian/Danish/Turkish/Traditional_Chinese/Arabic
Power System	
Power Supply	12 V DC/1.5A, 5V DC/2A (Charging via USB)
Power Consumption	4.6 W
Battery Type	Dismountable and Rechargeable Li-ion Battery
Battery Operating Time	4 Hours Continuous Running
General	
Working Temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Storage Temperature Range	-20 °C to 60 °C (-4 °F to 140 °F)
Protection level	IP54
Drop Test Height	2 m (6.56 ft)
Interface	USB Type-C
Weight	Approx. 660 g (1.46 lb)
Dimension	244 mm × 100 mm × 104 mm (9.6 " × 3.9 " × 4.1 ")
Tripod Mounting	UNC ¼"-20

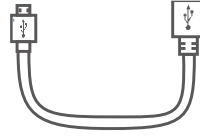
Package Contents



Quick Start Guide
(x1)



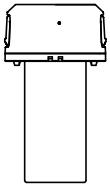
Adapters (x4)



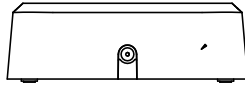
USB Cable (x1)



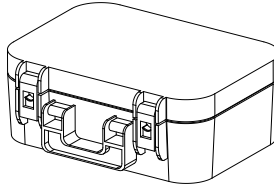
Power Adapter (x1)



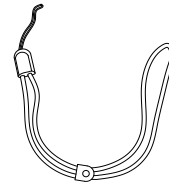
Battery (x1)



Charging Base (x1)



Box (x1)



Wrist Strap (x1)

Order Model

HM-TP23-10VF/W-M30

Dimension

