

M30 Handheld Thermography Camera





HIKMICRO M30 handheld camera is specially designed for temperature measurement. It's equipped with a 384 x 288 resolution thermal detector. It helps the staff to quickly find the high-temperature targets in the environment. Meanwhile, it provides assistance with decisions and ensures safety. The device is mainly applied to various industries, such as Building, HVAC, auto industry, etc.

Key Features

- High sensitivity thermal module with 384 x 288 resolution
- Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR
- Supports multiple palettes
- High quality optical module with 8 MP resolution
- Bi-spectrum image fusion, picture-in-picture preview
- Wide temperature measurement range: -20 to 550°C
- High temperature measurement accuracy: Up to ±2°C, ±2%
- 640 x 480 resolution 3.5" LCD touch display
- Long-distance laser light supplement for thermography targets
- LED light supplement makes the device a torch in required scenarios
- Supports 1.0x to 8.0x continuous digital zoom

Specification

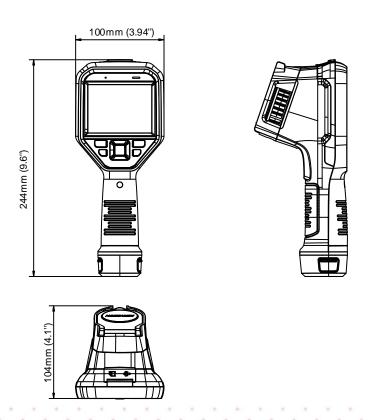
RR Resolution 384 x 288 (110,592 pixels) SuperIR	opeomeation	
SuperIR 768 x 576 (442,368 pixels) NETD < 35 mK (@ 25 °C, F#=1.0)	Infrared Image	
NETD < 35 mK (@ 25 °C, F#=1.0)	IR Resolution	384 x 288 (110,592 pixels)
Image Frequency 30 Hz Detector Pitch 17 μm Spectral Range 7.5 to 14 μm Focal Length 9.7 mm F-number F1.0 Field of View (FOV) 37.5° x 28.5° Spatial Resolution (IFOV) 1.75 mrad Min. Focus Distance 0.2 m (0.65 ft) Focus Mode Manual Focus Image Display Win. Focus Distance Visual Camera 3264 x 2448 (8 MP) Display 640 x 480 Resolution, 3.5° LCD Touch Screen Screen Brightness Manual Digital Zoom 1.0x to 8.0x continuous Color Palettes White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue Red Focus Mode Palette Above/Below/Interval/Insulation Image Modes Thermal/Visual/Fusion/PIP/Blending Measurement and Analysic Thermal/Visual/Fusion/PIP/Blending Measurement Tools Accuracy Max (±2°C/3.6°F, ±2°%), for the ambient temp. 15°C to 35°C (59°F to 95°F) and object temp. 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 Mo	SuperIR	768 x 576 (442,368 pixels)
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Bluetooth Bluetooth 4.2	General	
	Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz)
USB Interface USB Type-C	Bluetooth	Bluetooth 4.2
THE PROPERTY OF THE PROPERTY O	USB Interface	USB Type-C

LED Light	Yes
Laser	Yes, Class II, Wavelength: 635 nm; Power: < 1 mW
Battery Type	Interchangeable and rechargeable Li-ion battery
Battery Operating Time	Approx. 4 hours
Battery Charging Time	Approx. 4 hours fully charged
Power Saving Mode	Yes
Protection Level	IP54
Drop Test Height	2 m (6.56 ft)
Safety	IEC 61010-1
EMC	EN 50130-4, EN 55032, EN IEC 61000-3-2, EN 61000-3-3
Vibration	1 g, IEC 60068-2-6
Shock	15 g, IEC 60068-2-27
Working Temperature Range	-10°C to 50°C (-4°F to 122°F)
Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	< 95% non-condensing
Weight	Approx. 660g (1.46 lb)
Dimension	244 × 100 × 104 mm (9.6 × 3.9 × 4.1 in)
Tripod Mounting	UNC 1/4"-20

Available Model

M30

Dimension



Unit: mm [inch]

Optional Accessories



M Series Battery E097-13-1S1P26650



M Series Charging Base HM-5202ZC



Tripod Mounting Bracket HM-2925ZJ-TM01-BRACKET



M/G/SP Series Pouch HM-SP01-POUCH

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*Note: Specifications are subject to change without notice. For the current specs, please go to www.hikmicrotech.com