

## M30 Handheld Thermography Camera



HIKMICRO M30 Handheld Thermography Camera is specially designed for temperature measurement. It's equipped with a 384 × 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 Feature

- High sensitivity thermal module with 384 × 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°C to 550°C
- High temperature measurement accuracy: Up to  $\pm 2^{\circ}\text{C}$ ,  $\pm 2\%$
- High-calibre 640 × 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×, 2×, 4× and 8× digital zoom

## ▪ Specification

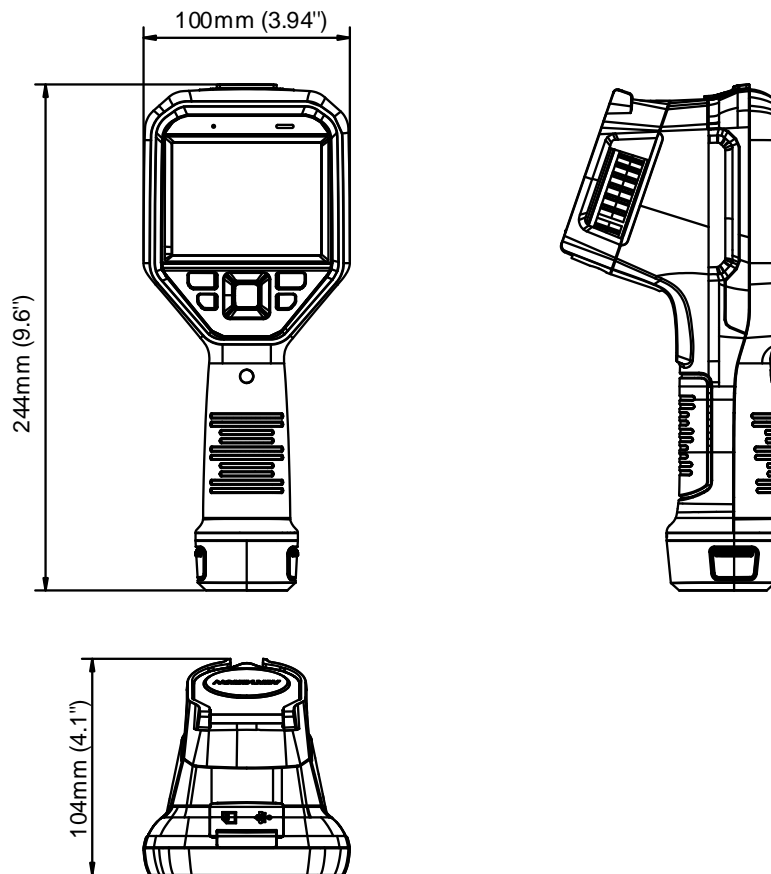
Infrared Image	
IR Resolution	384 × 288 (110, 592 pixels)
NETD	< 35 mK (@ 25°C, F# = 1.0)
Image Frequency	25 Hz
Detector Pitch	17 μm
Spectral Range	7.5 μm to 14 μm
Focal Length	9.7 mm
F-number	F1.0
Field of View (FOV)	37.5° (H) × 28.5° (V)
Spatial Resolution (IFOV)	1.75 mrad
Min. Focus Distance	0.2 m (0.65 ft)
Focus Mode	Manual Focus
Image Display	
Visual Camera	3264 × 2448 (8 MP)
Display	640 × 480 Resolution, 3.5" LCD Touch Screen
Screen Brightness	Manual
Digital Zoom	1×, 2×, 4×, 8×
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain
Focus Mode Palette	Above/Below/Interval
Color Alarm	Above/Below/Interval/Insulation
Image Modes	Thermal/Visual/Fusion/PIP
Measurement and Analysis	
Object Temperature Range	-20°C to 550°C (-4°F to 1022°F)
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: 3 spots, 1 line and 3 rectangles.
Level and Span Mode	Auto/Manual/1-Tap Touch-screen
Data Storage and Communication	
Storage Media	Removable 64 GB Micro SD Card
Image Storage Capacity	Approx. 100,000 Images
Annotations	Voice note: max. 60 seconds; Text note: max. 200 characters
Video Storage Capacity	Approx. 54 hours
Video File Format	MP4 video and radiometric video
General	
Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz)
Bluetooth	Bluetooth 4.2
USB Interface	USB Type-C
LED Light	Yes
Laser	Yes, Class II, Wavelength: 635 nm; Power: < 1 mW
Battery Operating Time	Approx. 4 hours
Battery Type	Interchangeable and rechargeable Li-ion battery

Battery Charging Time	Approx. 4 hours fully charged
Protection Level	IP54
Drop Test Height	2 m (6.56 ft)
Safety	IEC 61010-1
EMC	EN55032, EN50130-4, EN61000-3-3
Vibration	0.03 g <sup>2</sup> /Hz (3.8 g), 2.5 g IEC 60068-2-6
Shock	25 g, IEC 68-2-29
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 mm × 100 mm × 104 mm (9.6" × 3.9" × 4.1")
Tripod Mounting	UNC ¼"-20

▪ **Available Model**

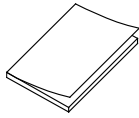
M30

▪ **Dimension**

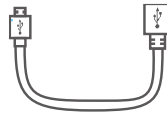


Unit: mm [inch]

## ▪ Packing List



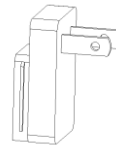
QSG (× 1)



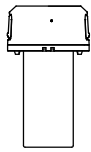
USB 2.0 A to USB Type-C Cable (× 1)



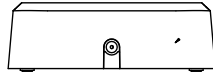
Power Supply for Battery Charger (× 1)



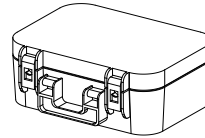
International Use Plugs (US/EU/UK/AU) for Power Supply



Battery (× 2)



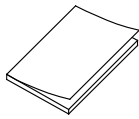
Two-bay Battery Charger (× 1)



Hard Carrying Case (× 1)



Wrist Strap (× 1)



Calibration Certificate (× 1)

## ▪ Accessory

### ▪ Optional



E097-13-1S1P26650



HM-5202ZC



HM-SP01-POUCH



HM-2925ZJ-TM01-BRACKET

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