

Pocket2 Pocket Thermal Camera



HIKMICRO Pocket Series is equipped with a high-resolution HIKMICRO VOx detector, an 8 MP optical camera, and a 3.5" LCD touch screen. It helps you quickly and efficiently locate the hidden problems and accurately measure abnormal temperature. The wide temperature range of -20°C to 400°C is ideal for building inspection, HVAC, electrical, and mechanical equipment maintenance. The 25 Hz frame rate keeps up with fast inspections, and the Wi-Fi function allows the Pocket to share images in real time. The Pocket Series is a powerful thermography tool in your pocket, so it is always there whenever you need it.

Key Features

- IR resolution: 256 × 192 (49, 152 pixels), NETD: < 40 mK (@ 25°C, F# = 1.0)
- Support SuperIR Image enhancement technology on captured images and live-view
- Accurately measure temperature from -20°C to 400°C (-4°F to 752°F)
- Accuracy: Max. (± 2°C/3.6°F, ± 2%)
- 25 Hz image frequency
- Thermal, Fusion, PIP, Visual, and Blending modes
- Manual, automatic, and 1-Tap level and span
- High temperature alarm
- Built-in 16 GB memory
- LED work light
- 8MP visual camera
- Up to 4 hours continuous running

Specification

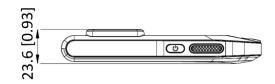
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Image File FormatRadiometric JPEGAnnotationsText note: max. 255 charactersVideo Storage CapacityApprox. 54 hoursVideo File FormatMP4 video (25 Hz) and Radiometric video (5 Hz)Radiometric Infrared-Video Streaming (Compressed)Over UVCGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C		nominal capacity)	
AnnotationsText note: max. 255 charactersVideo Storage CapacityApprox. 54 hoursVideo File FormatMP4 video (25 Hz) and Radiometric video (5 Hz)Radiometric Infrared-Video Streaming (Compressed)Over UVCGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Image Storage Capacity	Approx. 60,000 Images	
Video Storage CapacityApprox. 54 hoursVideo File FormatMP4 video (25 Hz) and Radiometric video (5 Hz)Radiometric Infrared-Video Streaming (Compressed)Over UVCGeneralVideo Streaming (Camper Streaming)Wi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Image File Format	Radiometric JPEG	
Video File FormatMP4 video (25 Hz) and Radiometric video (5 Hz)Radiometric Infrared-Video Streaming (Compressed)Over UVCGeneralVideo (2.4 GHz and 5 GHz)Wi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Annotations	Text note: max. 255 characters	
Radiometric Infrared-Video Streaming (Compressed)Over UVCGeneral802.11 b/g/n (2.4 GHz and 5 GHz)Wi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Video Storage Capacity	Approx. 54 hours	
Streaming (Compressed)Over UVCGeneralVi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Video File Format	MP4 video (25 Hz) and Radiometric video (5 Hz)	
Streaming (Compressed) General Wi-Fi 802.11 b/g/n (2.4 GHz and 5 GHz) Bluetooth Bluetooth 4.2, supports wireless headsets USB Interface USB Type-C	Radiometric Infrared-Video	Over LIVC	
Wi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Streaming (Compressed)		
BluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	General		
USB Interface USB Type-C	Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz)	
	Bluetooth	Bluetooth 4.2, supports wireless headsets	
LED Light Yes	USB Interface	USB Type-C	
	LED Light	Yes	

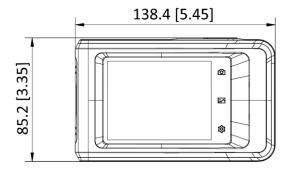
Power Supply	USB-C (5V/2A)
Power Saving Mode	Auto Power-off and manual sleep
Battery Type	Rechargeable Li-ion battery
Battery Operating Time	Approx. 4 hours
Battery Charging Time	Approx. 2.5 hours fully charged
Protection Level	IP54
Drop Test Height	2 m (6.56 ft)
Working Temperature Range	-10°C to 50°C (-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. 218 g (0.481 lb)
Dimension	138.5 × 85.2 × 23.6 mm (5.45 × 3.35 × 0.93 in)
Tripod Mounting	UNC ¼"-20

Available Model

Pocket2

Dimension







Unit: mm [inch]

Optional Accessories



HM-P201- MACRO

Thermography Camera Macro Lens



HM-AHBR02

Pocket/Mini Series Desktop Stand Bracket

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.



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