

PocketC 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

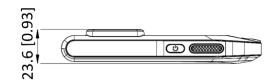
IR Resolution256 × 192 (49, 152 pixels)SuperIRYes, on captured images and live viewNETD< 40 mK (@ 25 °C, F#=1.0)Image Frequency25 HzDetector Pitch12 µmSpectral Range7.5 to 14 µmFocal Length3.5 mmFnumberF1.1Field of View (FOV)50° × 37.2°Spatial Resolution (IFOV)3.43 mradMin. Focus Distance0.3 m (0.98 ft)Focus ModeFocus FreeImage Display640 × 480 Resolution, 3.5° LCD Touch Screen with auto-rotationScreen BrightnessManualDisplay640 × 480 Resolution, 3.5° LCD Touch Screen with auto-rotationScreen BrightnessManualDigital Zoom1.0x to 4.0x continuousColor PalettesWhte Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis20°C to 400°C (4°F to 752°F)Accuracy20°C to 400°C (4°F to 752°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeJuti/Manual/1-Tap Touch-screenDatage ModiaSulfini 16 GB flash memory (user available storage space is less than the orminal capacity)Image File FormatRadiometric JPEGImage Storage CapacityApprox. 60,000 ImagesImage Storage CapacityApprox. 60,000 ImagesImage Tile FormatRadiometric JPEGVideo Striage CapacityMP4 video (25 Hz) and Radiometric video (5 Hz)Radiometric Infrared-VideoSver UVC <td< th=""><th>Infrared Image</th><th></th></td<>	Infrared Image	
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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-FiNoBluetoothBluetooth 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-FiNoBluetoothBluetooth 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 UVCGeneralWi-FiNoBluetoothBluetooth 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 UVCGeneralVideoWi-FiNoBluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Annotations	Text note: max. 255 characters
Radiometric Infrared-Video Streaming (Compressed)Over UVCGeneralVi-FiWi-FiNoBluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Video Storage Capacity	Approx. 54 hours
Streaming (Compressed)Over UVCGeneralVi-FiNoBluetoothBluetooth 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 No   Bluetooth Bluetooth 4.2, supports wireless headsets   USB Interface USB Type-C	Radiometric Infrared-Video	Over LIVC
Wi-FiNoBluetoothBluetooth 4.2, supports wireless headsetsUSB InterfaceUSB Type-C	Streaming (Compressed)	
Bluetooth Bluetooth 4.2, supports wireless headsets   USB Interface USB Type-C	General	
USB Interface USB Type-C	Wi-Fi	No
	Bluetooth	Bluetooth 4.2, supports wireless headsets
LED Light Yes	USB Interface	USB Type-C
	LED Light	Yes

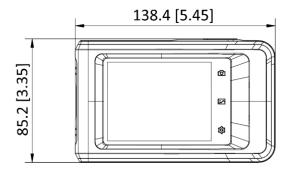
Power Supply	USB-C (5V/2A)
Power Saving Mode	Auto Power-off and manual sleep
Battery Type	Rechargeable Li-ion battery
Battery Operating Time	Approx. 4 hours
Battery Charging Time	Approx. 2.5 hours fully charged
Protection Level	IP54
Drop Test Height	2 m (6.56 ft)
Working Temperature Range	-10°C to 50°C (-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

PocketC

### 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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