

# HIKMICRO Pocket2

High Performance  
Compact Thermal Imaging  
Camera for Professionals



### Multiple Level & Span Modes

Three Level & Span modes (manual, automatic, and 1-Tap) help you instantly improve image contrast and highlight potential problems.



### Faster Troubleshooting

Built-in speaker and flash light give the operator audio and visual alerts to high temperatures. Full-screen measurement using different user presets checks everywhere instantly.



### Portable Pocket-sized Design

Easy to carry and hold. It fits perfectly in your pocket and tool bag.



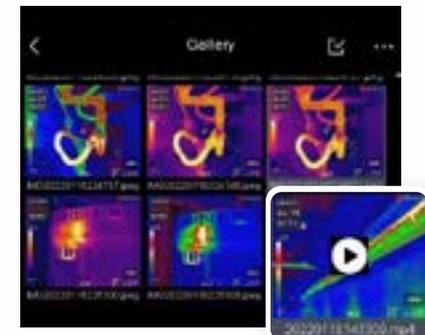
### Rugged & Durable Design

IP54 rated for protection against water and dust. Featuring 2-meter (6.6ft) drop protection, suitable for industrial use.



### LED Flashlight

The LED flashlight allows you to work safely in dim or dark environments.



### On-camera Recording

Built-in 16GB internal memory provides onboard recording and playback.

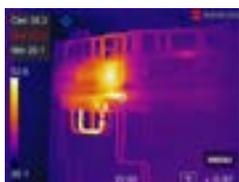


The HIKMICRO Pocket Series is equipped with a high-resolution HIKMICRO V0x 256 x 192 (49,152 pixels) detector, a high-resolution 8 MP optical lens, and a 3.5" LCD touch screen.

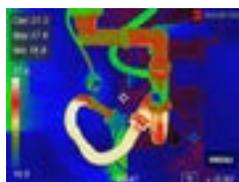
It helps you locate faults faster and more efficiently, and measure temperatures more accurately.

The wide temperature range of -20 °C to 400 °C is ideal for Building Inspections, HVAC, Electrical, and Mechanical Equipment Maintenance. The 25 Hz frame rate allows for smooth operation and the Wi-Fi function allows the Pocket to share images in real-time. The Pocket Series puts a powerful thermography tool in your pocket so it's always there when you need it.

## Applications



Electrical Inspections



Hot Water Pipes



PCB Circuit Boards



HVAC

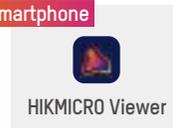
## Software

Connect (Wi-Fi or Hotspot) to the HIKMICRO Viewer App for transmitting pictures from the camera to a mobile phone. Analyze, share images and generate simple reports in real-time on-site. Use HIKMICRO Analyzer PC software to provide customers with professional reports with images documenting problems and repairs.

PC



Smartphone



## Specifications

		Pocket2
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
	IR Resolution	256 x 192 (49,152 pixels)
	NETD	< 0.04°C (40 mK) at 25°C (77°F) Ambient Temperature, F#=1.0
	Focal Length	3.5 mm
	FOV (Field of View)	50.0 °H × 37.2 °V
	Image Frequency	25 Hz
	Focus	Fixed
Optical Module	IFOV (Spatial Resolution)	3.43 mrad
	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
Image Display	Display	640 × 480 Resolution, 3.5" LCD Touch Screen
	Color Palettes	7: White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain
	Image Modes	Thermal/Optical/Fusion/PIP
Measurement and Analysis	Object Temperature Range	-20 °C to 400 °C ( -4 °F to 752 °F )
	Accuracy	Max (±2°C/3.6°F, ±2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
	Measurement Presets	Center Spot, Hot Spot, Cold Spot, Off
	High Temperature Alarm	Audible/visual alarm of above temperature threshold, User-defined temperature threshold
Storage	Storage Media	EMMC (16 GB)
	Image Storage Capacity	Approx. 60,000 Images
	Image File Format	Radiometric.JPG with Measurement Data Included
	Text Note	Max. 200 Characters
	Video Storage Capacity	Approx. 10 h
Functions	Video File Format	Standard MP4 Non-radiometric video
	LED Light	Yes
	Microphone	Yes
	Buzzer	Yes
	Wi-Fi	802.11 b/g/n (2.4 GHz, 5 GHz)
	Bluetooth	Bluetooth 4.2
Power System	Connect with APP	Yes, HIKMICRO Viewer
	Level/Span	Auto/Manual/1-Tap Touch Screen
	Battery Operating Time	4 Hours Continuous Running
General	Menu Language	21 Languages
	Protection Level	IP54
	Drop Test Height	2 m (6.56 ft)
	Weight	Approx. 218 g (0.48 lb)
	Packing List	Thermal Imager x 1, Pouch x 1, Wrist Strap x 1, USB Cable x 1, Power Supply x 1, Quick Start Guide x 1, Calibration Certificate x 1