

WHAT'S IN THE BOX

- Thermal Imager
- Hand Strap
- Neck Strap
- Rubber Viewfinder Cap
- Camera Lens Caps
- Interchange and Rechargeable Li-ion Batteries (x2)
- Power Supply for Battery Charger
- Two-bay Battery Charger
- International Use Plugs (US/EU/UK/AU) for Power Supply (x4)
- USB 2.0 A to USB Type-C Cable
- Mini HDMI to HDMI Cable
- USB Type-C Cable to USB Type-C Cable
- Hard Carrying Case
- Calibration Certificate
- Quick Start Guide
- 64GB SD card
- Lenses (according to the ordering model)



OPTIONAL ACCESSORIES

<p>HM-SP630-LENS 3X Ultra Telephoto Lens</p>  <p>77.4mm 0.25ft 8"(H)*6"(V)</p>	<p>HM-SP620-LENS 2X Telephoto Lens</p>  <p>51.4 mm 0.16ft 12"(H)*9"(V)</p>	<p>HM-SP610-LENS 1X Standard Telephoto Lens</p>  <p>25 mm 0.08ft 24.8"(H)*18.7"(V)</p>	<p>HM-SP605-LENS 0.5X Wide Angle Lens</p>  <p>12.6 mm 0.04ft 50"(H)*37.3"(V)</p>	<p>HM-SP620-MACRO 20µm Macro Lens</p>  <p>20µm minimum imaging target size 3cm focusing distance</p>
<p>HM-20322ZC</p> <ul style="list-style-type: none"> • Power Supply for Battery Charger • Two-bay Battery Charger • International Use Plugs (US/EU/UK/AU) for Power Supply (x4) 	<p>HM-7250DC</p> <ul style="list-style-type: none"> • Interchange and Rechargeable Li-ion Battery 	<p>HM-SP01-POUCH</p> <ul style="list-style-type: none"> • M/G/SP Series Pouch 		

SPECIFICATIONS

		SP60	SP60H
Thermal Module	IR Resolution	640 x 480 (307,200 pixels)	
	NETD	< 0.03°C (30 mK) at 25°C (77°F) Ambient temperature, F# = 1.0	
	Lenses	Wide angle/standard/telephoto /ultra-telephoto/20µm macro lens	
	Image Frequency	25 Hz	
Optical Module	Focus	Continuous Autofocus/Autofocus/Manual Focus/Laser Assisted Focus	
	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP	
Image Display	Display	1280 x 720 Resolution, 5" LCD Touch Screen	
	Color Palettes	7: White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain	
	Image Modes	4: Thermal/Optical/Fusion/PIP	
Measurement and Analysis	Object Temperature Range	-20 °C to 650 °C (-4 °F to 1202 °F)	-40 °C to 2200 °C (-40 °F to 3992 °F)
	Accuracy	Max (±2°C/3.6°F, ±2%)	
	Measurement Presets	Center Spot, Hot Spot, Cold Spot, Point Presets, 10 User Preset Points, 1 User Preset Line, 3 User Presets Areas, Off	
	High Temperature Alarm	Audible Warning	
Storage	Storage Media	Default Storage: Removable SD Card (64 GB), Max. Storage Capacity: 128 GB	
	Image Storage Capacity	Approx. 60,000 Images (The size of a single image is about 900kb~1.3Mb)	
	Image File Format	Radiometric image with Measurement Data Included, JPEG Image without Measurement Data Included	
	Video Storage Capacity	Approx. 64 Hours (The size of a 1-minute video is about 15~20Mb)	
	Video File Format	Rv (Radiometric Video); MP4 (Non-Radiometric Video)	
Functions	Laser Pointer	Yes	
	Laser Distance Meter	Yes	
	LED Light	Yes	
	Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz)	
	Level/ Span	Auto/Manual/1-Tap Level & Span	
	Bluetooth	Bluetooth 4.2	
	Interface	USB Type-C, HDMI-D, 64 GB SD card	
	Geolocation	Location data automatically added to every image from the built-in GPS, BDS, GLONASS or GALILEO	
Power System	Compass	Camera direction automatically added to every image	
	Carrying Case	Yes	
General	Battery Operating Time	4 Hours Continuous Running per battery (actual life varies depending on settings and usage)	
	Menu Language	21 Languages	
	Protection Level	IP54	
	Drop Test Height	2 m (6.56 ft)	
	Weight	Approx. 1590 g (3.51 lb)	

*Please note that all features, functionality, and other product specifications are subject to change without notice. For the most up-to-date information, go to www.hikmicrotech.com

f HIKMICRO Thermography

@ hikmicro_thermography

• HIKMICRO Thermography

✉ info@hikmicrotech.com

🌐 <https://hikmicrotech.com>

in HIKMICRO



HIKMICRO

SP SERIES

HIGH-PERFORMANCE THERMAL IMAGING CAMERA WITH VIEWFINDER, ARTICULATING LENS AND SCREEN



• SP60, SP60H

KEY FEATURES

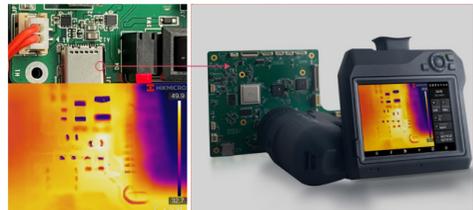
Super Resolution

With HIKMICRO Super Resolution, SP series cameras with 640 x 480 resolution detectors can capture ultra-sharp images with 4X pixels (1280 x 960), improving image quality, and allowing for more detailed analysis on smaller or distant targets.



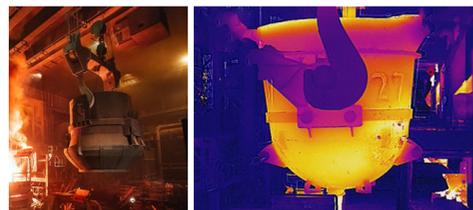
Detect Tiny Faults

See details as small as 20µm with a macro lens, allowing you to take accurate temperature readings on small objects, such as components on printed circuit boards or assemblies.



*Ultra-high Temperature Range

With a measurement range of up to 2200°C (3992°F)*, it can handle industrial furnace applications, refractory, and inspecting tools/fixtures in metal smelting at these extreme temperatures.



*SPxxH only

Flexible Rotating Lens and Screen

The 90° rotating screen and the 180° rotating lens design help to easily view the area around, between, above, or below the target.



One-second Fast Focusing

Supports 4 types of focus modes (Laser-assisted AF, Continuous AF, AF, and Manual Focus) and one-second fast focusing speed helps to save time by giving sharper images, resulting in more accurate temperature measurements.



Designed for Outdoors

Features IP54 rugged housing, 1024 x 768 OLED electronic viewfinder, and auto-brightness 5" color LCD touch display make it easy to conduct outdoor inspections under bright, challenging light and tough conditions.



Multiple Image Annotations

Add 60-second voice clips or 200 text characters notes to your images for later review and reminders. The camera automatically adds GPS and compass directions for geolocation location and orientation.



Multiple Image Modes

Thermal, Fusion, PIP and Optical modes to suit your preferred view.



Simplify Inspection Process

Using the included HIKMICRO Inspector PC Software, you can simplify the inspection process by pre-planning your inspection routes, downloading them directly to the camera, and guide you from location to location while collecting imagery at each station.



Radiometric Video Analysis

Record radiometric video (temperature data) to the onboard SD card, for post analysis on your PC. Works seamlessly with HIKMICRO Analyzer software for intuitive viewing, advanced analysis, and processing of thermal data.

SOFTWARE



HIKMICRO
Inspector

Simplify and organize inspection workflows

HIKMICRO Inspector is a powerful and free licensed PC software designed to help inspectors simplify the inspection process and complete it efficiently. It allows you to pre-plan your inspection routes, download and run them directly to a HIKMICRO inspection route-enabled camera*, and guide you from location to location while collecting imagery at each station. Once you've completed an inspection, you can import images, data, and annotations into the HIKMICRO analyzer for professional analysis and report generation, cutting reporting time.



HIKMICRO
Analyzer

EFFICIENT, POWERFUL THERMAL ANALYSIS AND REPORTING

HIKMICRO Analyzer is a powerful and free licensed PC software designed to help users manage and analyze thousands of thermal images and videos and quickly create professional reports. Compatible with files from HIKMICRO handheld thermal cameras, providing the features you need to simplify your workflow and increase your productivity.

* Download the software from the HIKMICRO official website.

APP



HIKMICRO
Viewer

WIRELESS ANALYSIS, REPORTING AND SHARING

The HIKMICRO Viewer is a powerful and intuitive mobile application designed to help users wirelessly stream video, analyze thermal images and video, quickly create reports and share with customers and coworkers in the field. It allows you to import stored files from the camera to the mobile device. Use the app to thermally adjust levels and spans with one touch, change color palettes, adjust parameters, and more.



180° rotating lens

90° articulating LCD

Two digital zoom buttons

Capture button

Autofocus button

Diopter adjustment wheel

Laser Distance Meter

180° rotating lens

5" touch screen

Speaker

Cover for SD card slot, USB type-c, Mini HDMI connector

Programmable button

5" touch screen

Laser button

Programmable button

Viewfinder and menu switch button

On/Off button

1024 x 768 OLED viewfinder

Interchange and rechargeable Li-ion battery