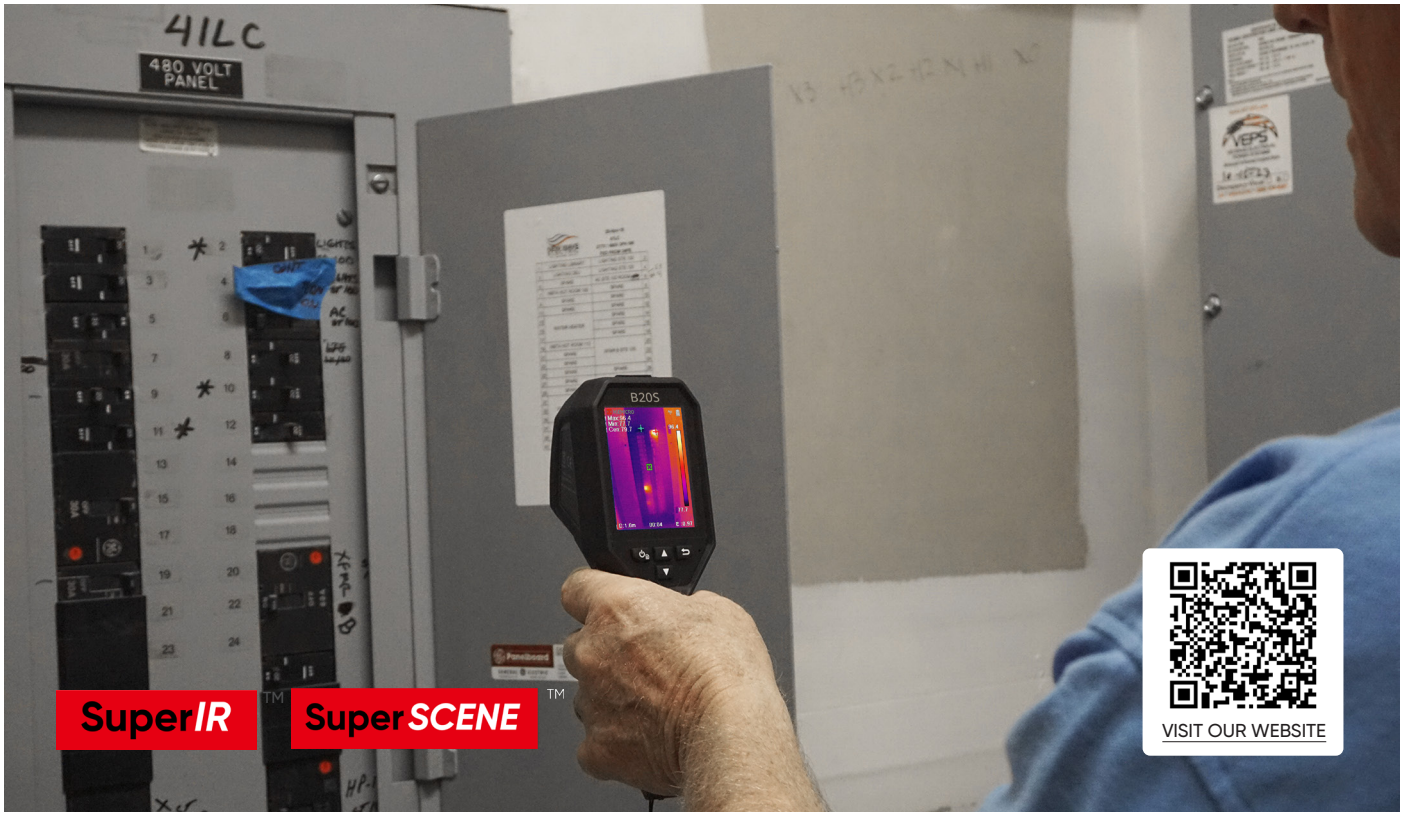
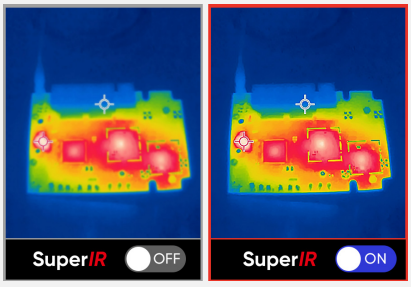
B Series

Compact easy to use thermal imaging camera for daily operation



Enhanced Thermal Clarity with SuperIR

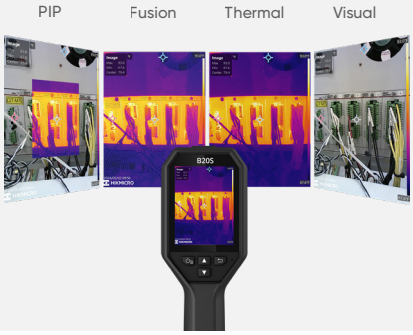
HIKMICRO's SuperIR image enhancement technology upscales the resolution of captured thermal images to 640 x 480 (307,200 pixels), significantly improving thermal image quality. It also provides a smooth 25 Hz image frequency for live viewing and photo capture.



Multiple Image Modes

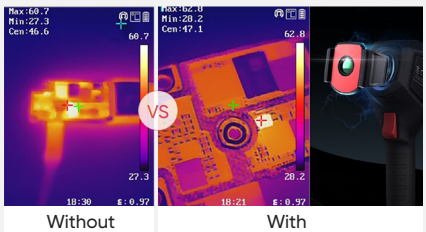
Fusion, Thermal, PIP and Visual modes to suit your preferred view.

Only B20S



Innovative Macro Mode

Using a clip-on macro lens, the B Series cameras can see details as small as 500 microns and allow you to take accurate temperature readings on small objects, such as components on printed circuit boards or assemblies.



Without | With

3.2" Color LCD

View the details of your images on the large, class-leading LCD screen.

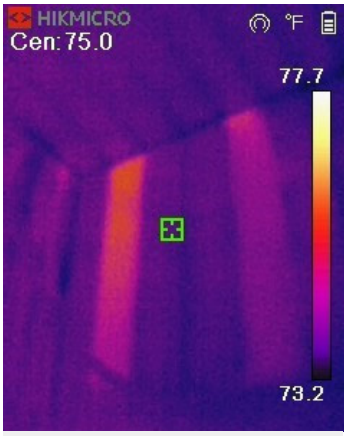
Efficient Temperature Measurement

Track the temperature of Center, Hot, Cold spot and 3 Custom spots automatically.

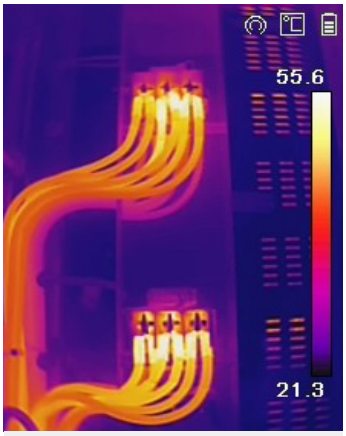
Wi-Fi Connectivity

Connect to mobile devices via built-in Wi-Fi and the HIKMICRO Viewer App to quickly share your images.

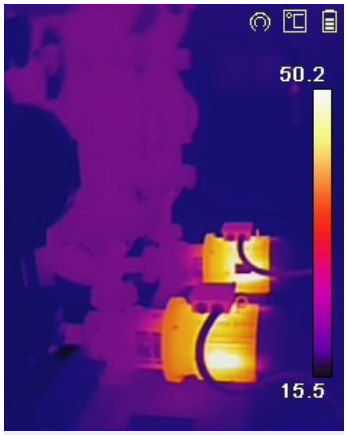
APPLICATIONS



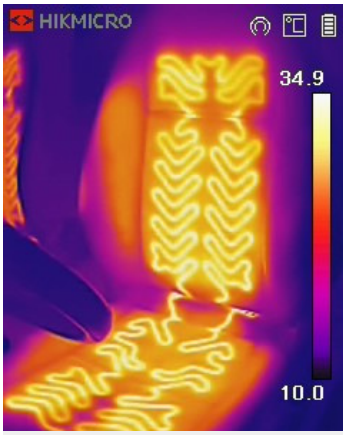
Building Envelope



Electrical Cabinet



Mechanical Inspection



Automotive Inspection

WHAT'S IN THE BOX



- Thermal Imager
- Wrist Strap
- Calibration Certificate
- USB Cable
- Quick Start Guide

OPTIONAL ACCESSORIES



– B Series Macro Lens –
HM-B201-MACRO



– E/B Series POUCH –
HM-B01-POUCH

Camera Highlights		B21LS	B20S
Infrared Image	IR Resolution	256 × 192 (49,152 pixels)	
	SuperIR	Yes, on Captured Thermal Images	
	NETD	< 40mK	
	Image Frequency	25 Hz	
	Field of View (FOV)	37.2° × 50.0°	
	Focus Mode	Focus Free	
Image Display	Visual Camera	——	1600 × 1200 (2 MP)
	Image Modes	Thermal	Thermal/Visual/PIP/Fusion
	Display	480 × 640 Resolution, 3.2"LCD Screen	
Measurement and Analysis	Object Temperature Range	-20 °C to 550 °C (-4°F to 1022°F)	
	SuperScene	Water Leak, Insulation	
	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)	
Data Storage and Communication	Storage Media	Built-in 16 GB flash memory	
	File Format	Radiometric JPEG	
	Storage Capacity	Up to 35,000 images	
General	Durability	2m (6.56 ft) drop test, IP54	
	Wi-Fi	802.11 b/g/n (2.4GHz)	
	Led Flashlight	N/A	Yes
	Laser Pointer	Yes	N/A
	Battery Operating Time	Approx. 6 hours	

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FULL PRODUCT 3 YEARS
DETECTOR 10 YEARS
BATTERY 2 YEARS