

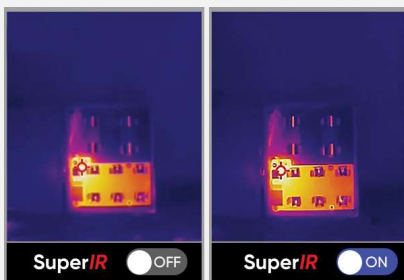
B SERIES

Compact and easy-to-use thermal camera for daily operation



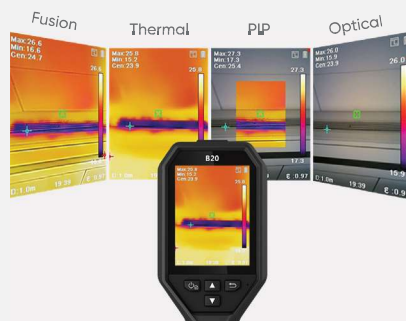
Enhanced Image Quality with SuperIR

B20S features a resolution of up to 256 x 192 (49,152) pixels and upgrades the display resolution to 640x480, ensuring exceptional image quality. With a fast image frequency of 25 Hz and advanced real-time SuperIR image enhancement algorithms, B20S delivers a clear and detailed thermal view.



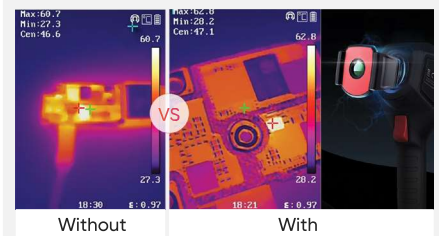
Multiple Image Modes

Fusion, Thermal, PIP and Visual modes to suit your preferred view. (B11, B20 only)



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.



3.2" Color LCD

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



Efficient Temperature Measurement

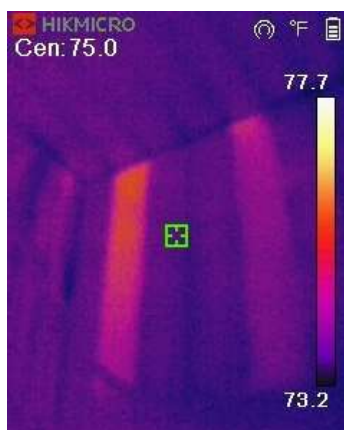
Track the temperature of Center, Hot, Cold spot and 3 Custom spots automatically.



Wi-Fi Connectivity

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

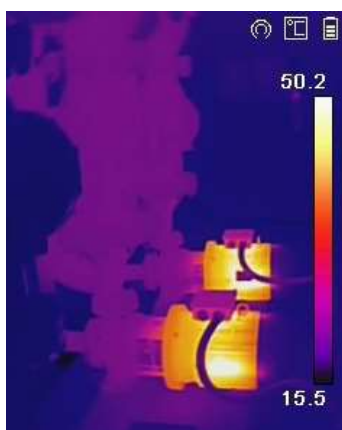
APPLICATIONS



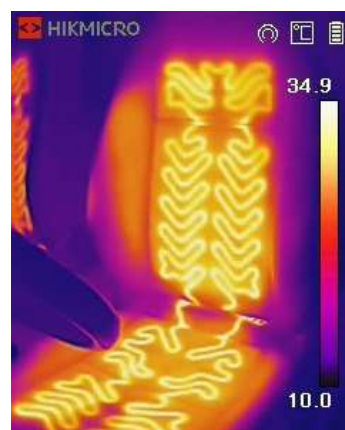
Building Envelope



Electrical Cabinet



Mechanical Inspection



Automotive Inspection

WHAT'S IN THE BOX



OPTIONAL ACCESSORIES



– B Series Macro Lens –
HM-B201-MACRO



– E/B Series POUCH –
HM-B01-POUCH

Camera Highlights		B21L	B20	B20S
Infrared Image	IR Resolution	256 × 192 (49,152 pixels)		
	SuperIR	Yes, on Captured Thermal Images		Yes, on captured images and live view
	NETD	<0.04°C / NETD< 40mK		
	Image Frequency	25 Hz		
	Field of View (FOV)	37.2° × 50.0°	37.2° × 50.0°	
	Focus Mode	Focus Free		
Image Display	Visual Camera	N/A	1600 × 1200 (2 MP)	
	Image Modes	Thermal	Thermal/Visual/PIP/Fusion	
	Display	240 × 320 Resolution, 3.2"LCD Screen		480 × 640 Resolution, 3.2" LCD Screen
Measurement and Analysis	Object Temperature Range	-20 °C to 550 °C (-4°F to 1022°F)		
	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 90,000 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		

POCKET SERIES

Portable pocket-sized design and fits in any pocket



Enhanced Image Quality with SuperIR

Designed with a highly sensitive (NETD < 40 mK) VOx detector and features a resolution of 256 x 192 (49,152) pixels, ensuring exceptional image quality. With a fast image frequency of 25 Hz and advanced real-time SuperIR image enhancement algorithms, this device delivers a clear and detailed thermal view.



Easy User Interface

Brilliant 3.5" 640x480 Touchscreen simplifies operations, including advanced 1-Tap Level and Span mode, instantly improving image contrast and highlights potential problems.



Fast Communication

Connect (Wi-Fi or Hotspot) to HIKMICRO Viewer App for transmitting pictures from camera to mobile phone. Analyze, share images, and generate reports in real-time.



On-camera Recording

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



Continuous Digital Zoom

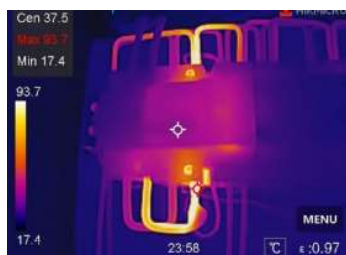
1.0x to 4.0x continuous digital zoom provides more image details.



Intuitive Interface

Swipe down or touch the icons to access all camera features and settings

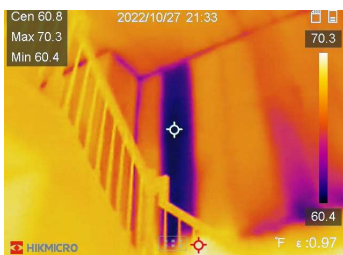
APPLICATIONS



Electrical Cabinet



Check Machine Temperature

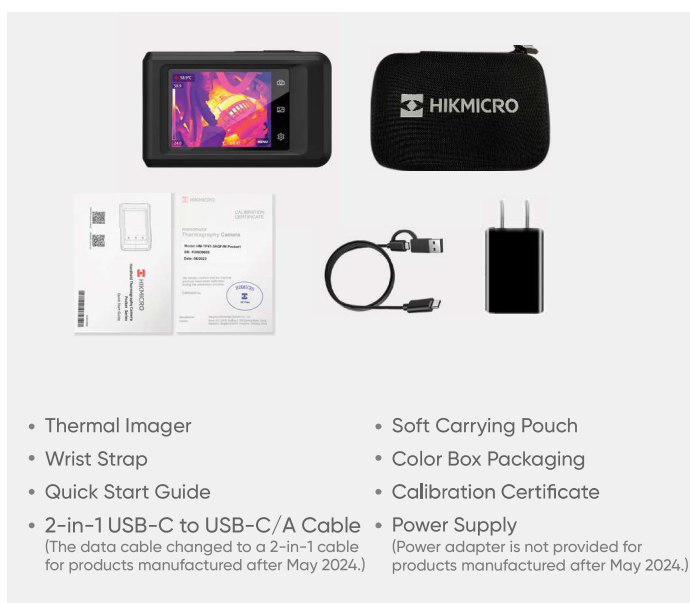


Building Envelope



HVAC Inspection

WHAT'S IN THE BOX



OPTIONAL ACCESSORIES



Model No		Pocket2
Infrared Image	IR Resolution	256 × 192 (49,152 pixels)
	SuperIR	Yes, on captured images and live view.
	NETD	< 40 mK (@ 25 °C, F#=1.0)
	Image Frequency	25 Hz
	Field of View (FOV)	50° × 37.2°
	Focus Mode	Focus Free
Image Display	Visual Camera	3264 × 2448 (8 MP)
	Image Mode	Thermal/Visual/Fusion/PIP/Blending
	Display	640 × 480 Resolution, 3.5" LCD Touch Screen with auto-rotation
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 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, MP4
	Storage Capacity	Up to 60,000 Images, 54 hours videos
General	Durability	2m (6.56 ft) drop test, IP54
	Wi-Fi	Yes
	Led Flashlight	Yes
	Battery Operating Time	Approx. 4 hours