

# B SERIES

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



**SuperIR™**



VISIT OUR WEBSITE

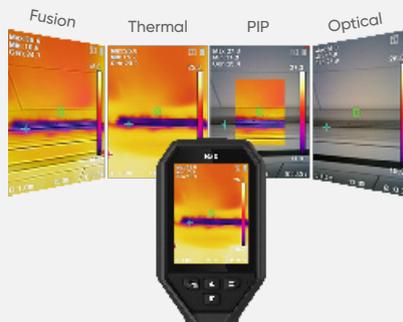
## Enhanced Image Quality with SuperIR

Powered by HIKMICRO SuperIR image enhancement technology, it upscales the resolution of captured thermal images to 320 x 240 (76,800 Pixels), B20S up to 640 x 480 (307,200 pixels).



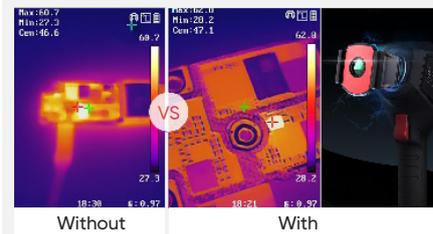
## Multiple Image Modes

Fusion, Thermal, PIP and Visual modes to suit your preferred view. (B11, B20, B20S 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

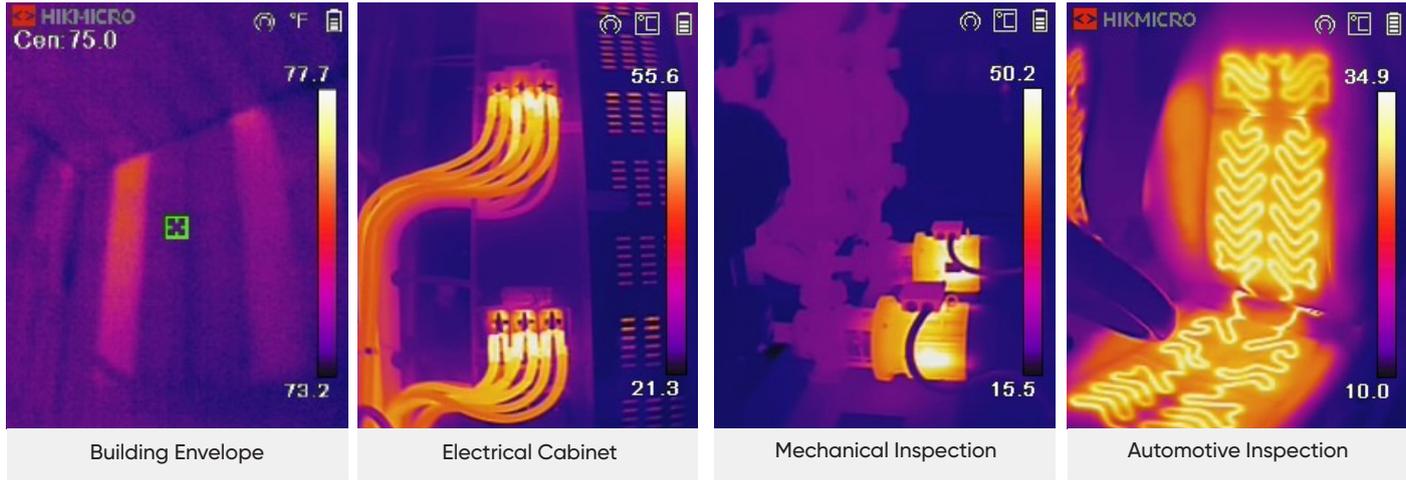
Track the temperature of Center, Hot, Cold spot and 3 Custom spots automatically.



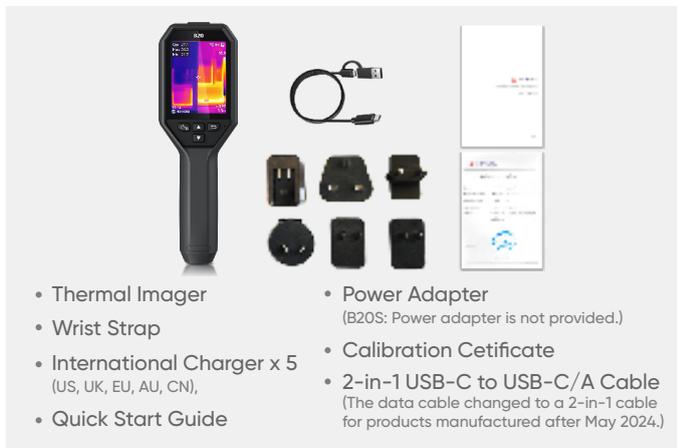
## Wi-Fi Connectivity

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

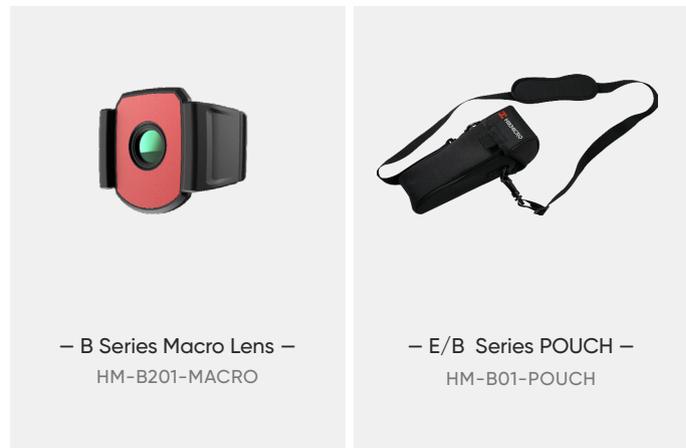
## APPLICATIONS



## WHAT'S IN THE BOX



## OPTIONAL ACCESSORIES



Camera Highlights		B11	B21L	B20	B20S
Infrared Image	IR Resolution	192 × 144 (27,648 pixels)	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)	27.8° × 37.2°	37.2° × 50.0°	37.2° × 50.0°	
	Focus Mode	Focus Free			
Image Display	Visual Camera	1600 × 1200 (2 MP)	N/A	1600 × 1200 (2 MP)	
	Image Modes	Thermal/Visual/PIP/Fusion	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	Yes	N/A	Yes	
	Laser Pointer	N/A	Yes	N/A	
	Battery Operating Time	Approx. 6 hours			

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