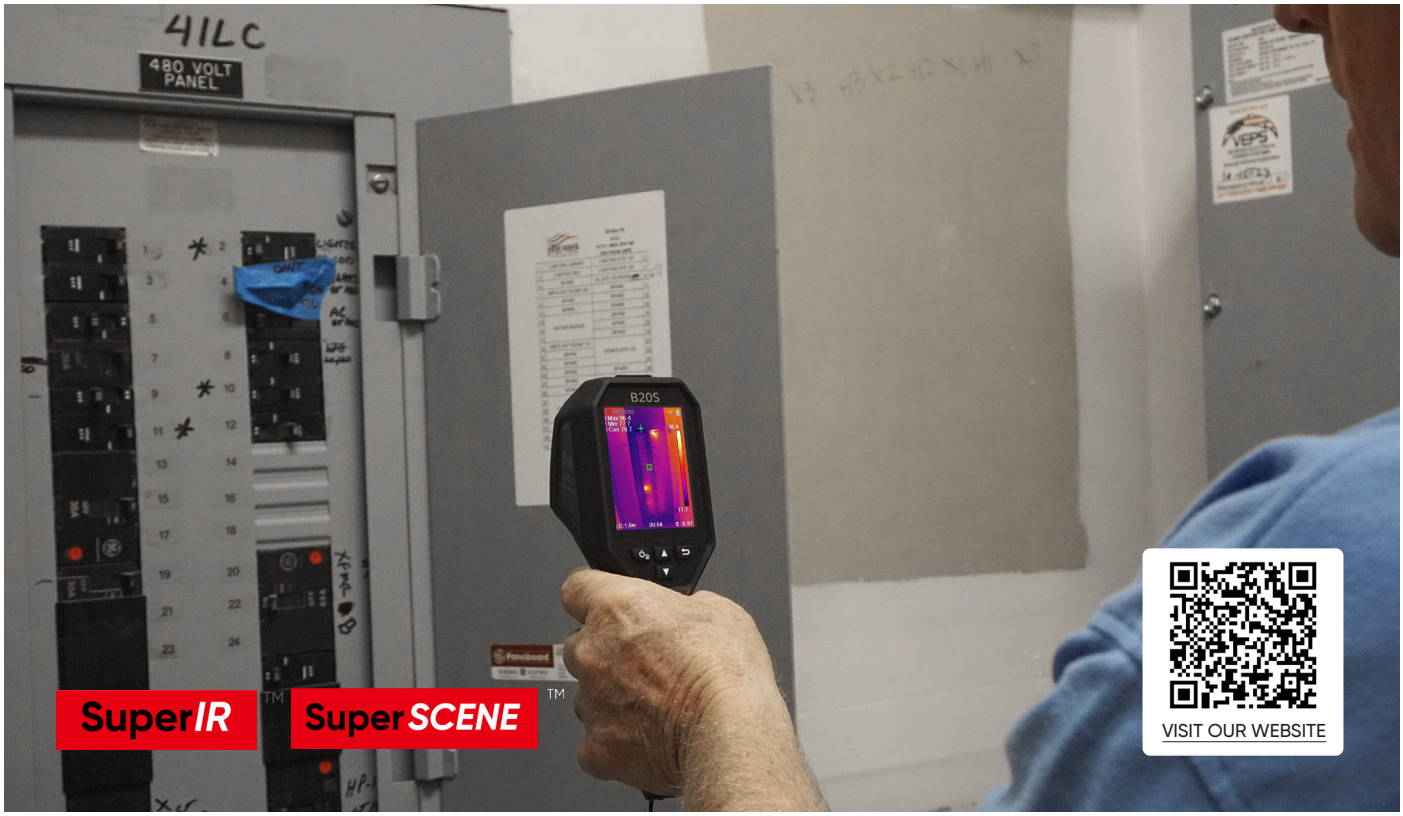
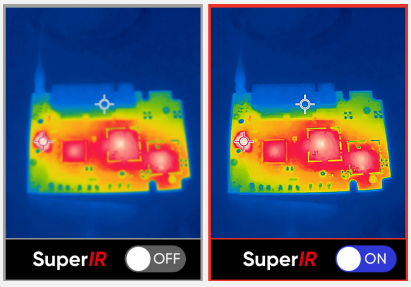
# B Series

Compact easy to use thermal imaging camera for daily operation




## Enhanced Thermal Clarity with SuperIR

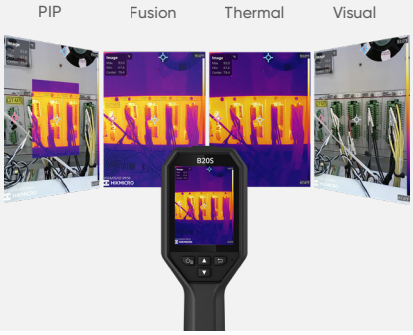
HIKMICRO's SuperIR image enhancement technology upscales the resolution of captured thermal images to 640 x 480 (307,200 pixels), significantly improving thermal image quality. It also provides a smooth 25 Hz image frequency for live viewing and photo capture.




## Multiple Image Modes

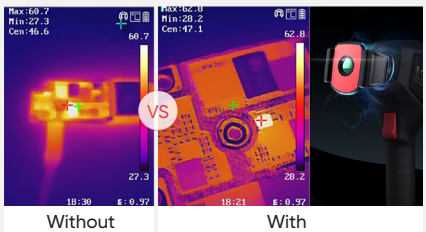
Fusion, Thermal, PIP and Visual modes to suit your preferred view.

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.

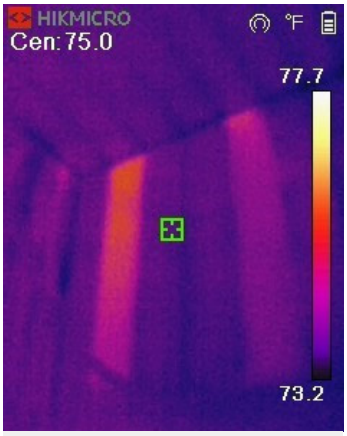
## Efficient Temperature Measurement

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

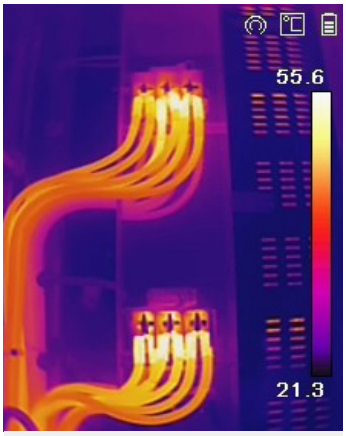
## Wi-Fi Connectivity

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

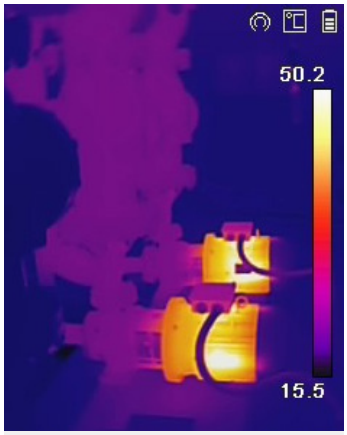
## APPLICATIONS



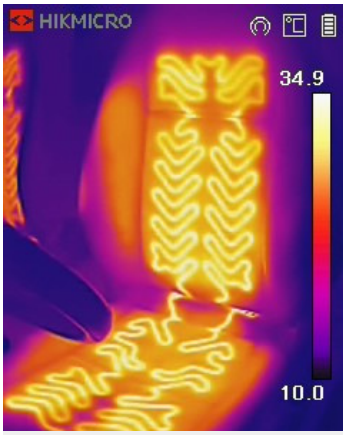

Building Envelope




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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HIKMICRO Industrial
HIKMICRO

FULL PRODUCT 3 YEARS
DETECTOR 10 YEARS
BATTERY 2 YEARS