



"TMV SS" spol. s r.o. obchodní a servisní zastoupení pro ČR a SR

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B21L B Series Handheld Thermal Camera



HIKMICRO B21L is designed for temperature measurement to find invisible faults. It's equipped with a 256 × 192 high-resolution thermal detector, giving you enhanced details for your inspection. The thermography ranges from -20°C to 550°C (-4°F to 1022°F), which meets the most situation. It helps the staff to quickly find the fault according to accurate temperature measurements of high-temperature targets in the environment. Meanwhile, it provides assistance decisions and ensures safety. The device is mainly applied to various industries, such as Building, HVAC, auto industry, etc.

Key Feature

- Thermal resolution: 256 × 192 (49,152 pixels)
- NETD: < 40 mK (@ 25 °C,F#=1.0)
- Temperature measurement range : -20°C to 550°C (-4°F to 1022°F)
- Accuracy: Max (±2°C/3.6°F, ±2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
- Measurement presets: Center spot, Hot spot, Cold spot, User Preset Point
- 25 Hz image frequency
- 3.2" LCD screen display
- Up to 6 hours continuous running

• Specification

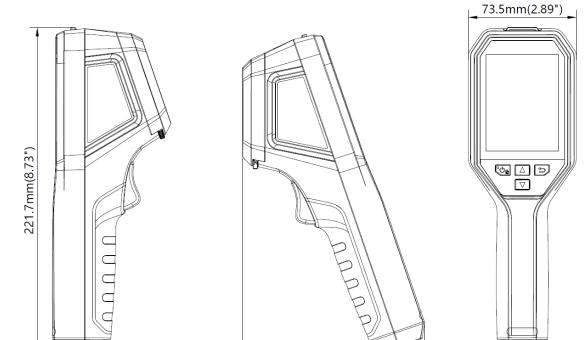
| Infrared Image | |
|--------------------------------|--|
| IR Resolution | 256 × 192 (49,152 pixels) |
| SuperIR | Yes, on captured thermal images |
| NETD | < 40 mK (@ 25 °C, F#=1.0) |
| Image Frequency | 25 Hz |
| Detector Pitch | 12 µm |
| Spectral Range | 7.5 to 14 μm |
| Focal Length | 3.6 mm |
| F-number | F1.0 |
| Field of View (FOV) | 37.2° × 50.0° |
| Spatial Resolution (IFOV) | 3.3 mrad |
| Min. Focus Distance | 0.3 m (0.98 ft) |
| Focus Mode | Focus Free |
| Image Display | |
| Display | 240 × 320 Resolution, 3.2"LCD Screen |
| Color Palettes | White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion |
| Color Alarm | Above alarm |
| Image Modes | Thermal |
| Measurement and Analysis | |
| Object Temperature Range | -20°C to 550°C (-4°F to 1022°F) |
| Accuracy | Max. (\pm 2°C/3.6°F, \pm 2%), for ambient temperature 15°C to 35°C (59°F to 95°F) |
| | and object temperature above 0°C (32°F) |
| Measurement Tools | Center Spot, Hot Spot, Cold Spot |
| | User-definable: 3 spots |
| Level and Span Mode | Auto/Manual |
| Data Storage and Communication | |
| Storage Media | Built-in 16 GB flash memory |
| Image Storage Capacity | Approx. 90,000 Images |
| General | |
| Wi-Fi | 802.11 b/g/n (2.4GHz) |
| USB Interface | USB Type-C |
| Battery Type | Rechargeable Li-ion battery |
| Battery Operating Time | Approx. 6 hours |
| Battery Charging Time | Approx. 3 hours fully charged |
| Protection Level | IP54 |
| Drop Test Height | 2 m (6.56 ft) |
| Working Temperature Range | -10°C to 50°C (14°F to 122°F) |
| Storage Temperature Range | -20°C to 60°C (-4°F to 140°F) |
| Relative Humidity | < 95% non-condensing |
| Weight | Approx. 380 g (0.84 lb) |
| | |

| Dimension | 221.7 × 73.5 × 123.8mm (8.73 × 2.89 × 4.87 in) |
|-----------------|--|
| Tripod Mounting | UNC ¼"-20 |
| Laser | Yes, Class II |

•Available Model

B21L

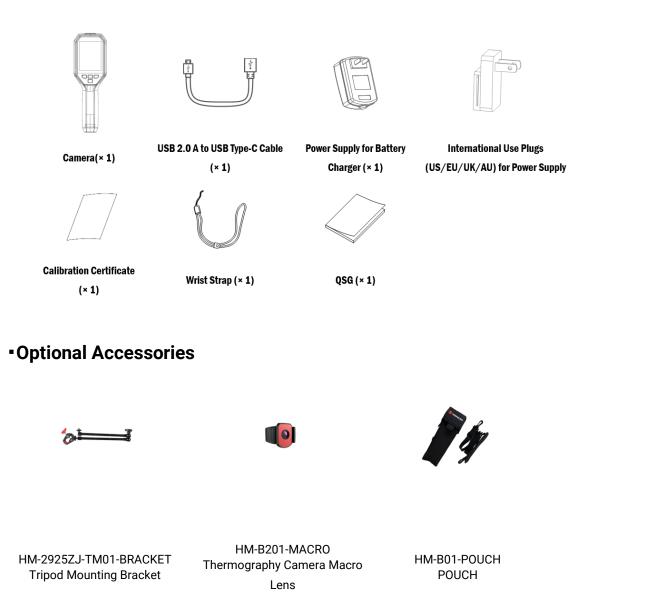
Dimension



123.8mm(4.87")

www.hikmicrotech.com

Packaging List



COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.



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*Note: Specifications are subject to change without notice. For the current specs, please go to www.hikmicrotech.com