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Eco-V Handheld Thermal Camera



The handheld thermal camera is based on the thermal technology, specially designed for the needs of temperature measuring applications. People can quickly troubleshoot faults on-site.

Key Feature

- Thermal resolution: 96 × 96 (9,216 pixels)
- 112:1 Distance to spot ratio (D:S)
- SuperIR: 240 × 240 (57,600 pixels)
- NETD: < 50 mK (@ 25°C, F# = 1.0)
- Measurement presets: center spot, hot spot, cold spot, off
- 25 Hz image frequency
- Laser pointer
- Built-in 4 GB flash memory: 30,000 pictures
- Up to 8 hours continuous running
- Thermal/Visual/Fusion

Specification

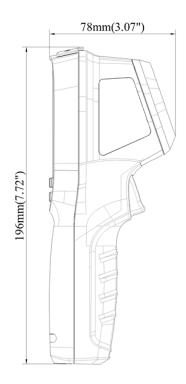
Accuracy above 0°C (32°F) Measurement Tools Center Spot, Hot Spot, Cold Spot Level and Span Mode Auto/Manual Data Storage and Communication Storage Media Built-in 4 GB flash memory Image Storage Capacity Approx. 30,000 Images General USB Interface USB Type-C Laser Yes, Class II Battery Type Rechargeable Li-ion battery Battery Charging Time Approx. 3 hours fully charged(Adapter Output: 5 V 2 A) Battery Operating Time Approx. 8 hours 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 -40°C to 70°C (-40°F to 158°F) Relative Humidity < 95% non-condensing Weight	
SuperIR 240 × 240 (57,600 pixels) Distance to Spot Ratio (D:S) 112:1 Image Frequency 25 Hz NETD < 50 mK (@ 25°C, F# = 1.0) Detector Pitch 12 μm Focal Length 1.35 mm Spectral Range 7.5 to 14 μm F-number F1.0 Field of View (FOV) 50° × 50° Spatial Resolution (IFOV) 8.89 mrad Min. Focus Distance 0.1 m (0.33 ft) Focus Mode Focus Free Image Display 240 × 320 Resolution, 2.4″LCD Screen Image Modes Thermal/Visual/Fusion Color Palettes White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion Color Alarm Above alarm Visual Camera 640 × 480 Measurement and Analysis Object Temperature Range -20°C to 550°C (-4°F to 1022°F) Accuracy Max (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object above 0°C (32°F) Measurement Tools Center Spot, Hot Spot, Cold Spot Level and Span Mode Auto/Manual Data Storage Adedia Built-in 4 GB flash memory	C (0.246 minute)
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Weight Approx. 290 g (0.64 lb)	<u>`</u>
- 12010-11-0001	
Tripod Mounting UNC ¼"-20	
	non-condensing

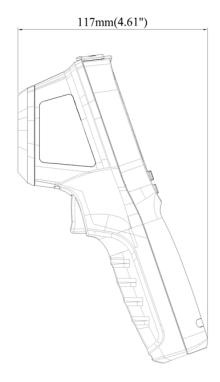
Available Model

Eco-V

Dimension







Unit: mm (inch)

- Accessory
- Optional



HM-B01-POUCH

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.











