

G60 Handheld Thermography Camera



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

Key Features

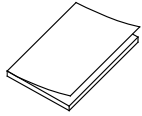
- Thermal resolution: 640 x 512 (327 680 pixels)
- NETD : < 35 mK (@ 25 °C,F#=1.0)
- Temperature measurement range : -20 °C to 650 °C (-4 °F to 1202 °F)
- Accuracy: Max ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$)
- Measurement Presets: Center spot, Hot spot, Cold spot, User Preset Point/Line/Area
- Auto/Manual/Laser focus
- 50 Hz image frequency
- 4.3" LCD touch screen display
- 8MP Optical camera
- Up to 4 hours continuous running

Specification

| Thermal Module | |
|---------------------------------|--|
| Image Sensor | Vanadium Oxide Uncooled Focal Plane Arrays |
| IR Resolution | 640 x 512 (327 680 pixels) |
| Pixel Pitch | 17 μ m |
| Spectral Range | 8 - 14 μ m |
| NETD | < 35 mK (@25°C), F#=1.0 |
| Focal Length | 25 mm |
| FOV (Field of View) | 25° x 19° |
| Image Frequency | 50 Hz |
| Focus | Continuous Autofocus/Autofocus/Manual Focus/Laser Assisted Focus |
| IFOV (Spatial Resolution) | 0.68 mrad |
| Aperture | F1.1 |
| Minimum Focus Distance | 0.3 m (0.98 ft) |
| Optical Module | |
| Picture Resolution | Configurable: 2 MP, 5 MP, 8 MP |
| Video Resolution | 640 x 480 |
| Focus | Fixed |
| FOV | 25° x 19° |
| Image Display | |
| Display | 800 x 480 Resolution, 4.3" LCD Touch Screen |
| Color Palettes | White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain |
| Digital Zoom | 1x, 2x, 4x, 8x |
| Image Modes | Thermal/Optical/Fusion/PIP |
| PIP | Thermal Picture in Optical Picture |
| Fusion | Thermal Picture and Optical Picture Combined |
| Measurement and Analysis | |
| Object Temperature Range | -20 °C to 650 °C (-4 °F to 1202 °F) |
| Accuracy | Max ($\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$, $\pm 2\%$) |
| Measurement Presets | Center Spot, Hot Spot, Cold Spot, Off |
| Point | 10 User Presets |
| Line | 1 User Preset |
| Area | 3 User Presets |
| High Temperature Alarm | Audible Warning |
| Color Alarm (Isotherm) | Above/Below/Interval/Insulation |
| Storage | |
| Storage Media | Removable Micro SD Card (64 GB) |
| Image Storage Capacity | 60 000 Images |
| Image File Format | BMP with Measurement Data Included |
| Video Storage Capacity | 54 Hours |

| | |
|---------------------------|--|
| Video File Format | MP4 |
| Functions | |
| Laser Pointer | Yes |
| Laser Type | Class II |
| Wi-Fi | 802.11 b/g/n (2.4 GHz) |
| Bluetooth | Bluetooth 4.2 |
| Level/Span | Auto/Manual |
| Text Comment | Max 200 Characters |
| Voice Comment | Max 60 Seconds |
| UVC Cast Screen | Yes |
| Power System | |
| Power Supply | 12 V DC/1.5A, 5V DC/2A (Charging via USB) |
| Power Consumption | 5 W |
| Battery Type | Dismountable and Rechargeable Li-ion Battery |
| Battery Operating Time | 4 Hours Continuous Running |
| General | |
| Menu Language | 17 Languages English, Russian, Hungarian, German, Italian, Czech, Slovak, French, Polish, Portuguese, Spanish, Romanian, Danish, Turkish, Korean, Traditional Chinese, Japanese |
| Working Temperature Range | -20 °C to 50 °C (-4 °F to 122 °F) |
| Storage Temperature Range | -20 °C to 60 °C (-4 °F to 140 °F) |
| Protection level | IP54 |
| Drop Test Height | 2 m (6.56 ft) |
| Interface | USB Type-C |
| Weight | Approx. 1000 g (2.20 lb) |
| Dimension | 284.7 mm × 118.3 mm × 127.1 mm (11.21 " × 4.66 " × 5.00 ") |
| Tripod Mounting | UNC ¼"-20 |

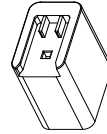
Packing List



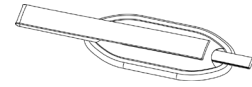
Quick Start Guide (x1)



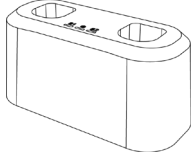
Type-C Cable (x1)



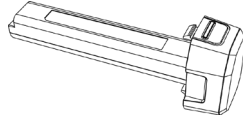
Power Adapter (x1)



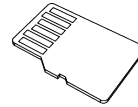
Hand Strap (x1)



Charging Base (x1)



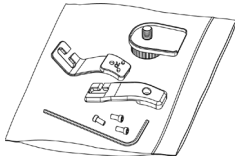
Battery (x2)



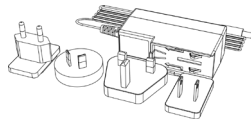
Micro SD Card (x1)



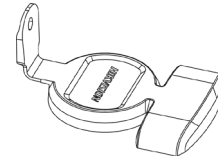
CVBS Cable (x1)



Tools Package (x1)



Charger (x1)

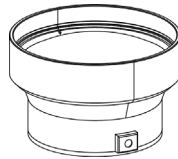


Lens Cover (x1)

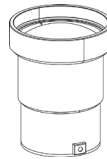
Optional



Teleconverter 0.5X



Teleconverter 2X



Teleconverter 3.3X

Available model

HM-TP76-25SVF/W-G60

Dimension

