HIKMICRO

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 480 (307 200 pixels)
- NETD : < 35 mK (@ 25 °C,F#=1.0)
- Temperature measurement range : -20 °C to 650 °C (-4 °F to 1202 °F)
- Accuracy: Max (±2°C/3.6°F, ±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 Detector Resolution	640 x 512 (327 680 pixels)
IR Resolution	640 x 480 (307 200 pixels)
Pixel Pitch	17 µm
Spectral Range	8 - 14 µm
NETD	< 35 mK (@25°C), F#=1.0
Focal Length	25 mm
FOV (Field of View)	25° × 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 × 480
Focus	Fixed
FOV	25° × 19°

Image Display	
Display	800 × 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 (±2°C/3.6°F, ±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

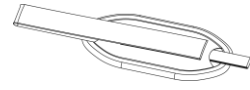|	
Video Storage Capacity	54 Hours
Video File Format	MP4
Functions	
Laser Pointer	Yes
Laser Distance Meter	Yes
Laser Type	Class Ⅱ
Wi-Fi	802.11 b/g/n (2.4 GHz)
Bluetooth	Bluetooth 4.2
Level/Span	Auto/Manual
Text Comment	Max 200 Characters
Voice Comment	Max 60 Seconds
UVC Cast Screen	Yes
Power System	
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
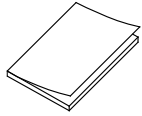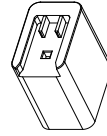
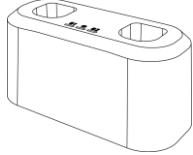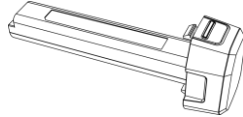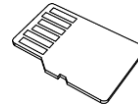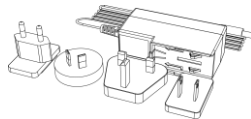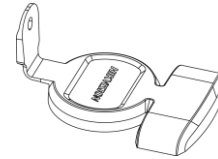|			
Quick Start Guide (×1)	Type-C Cable (x1)	Power Adapter (x1)	Hand Strap (x1)
Charging Base (x1)	Battery (x2)	Micro SD Card (x1)	CVBS Cable (x1)
Tools Package (x1)	Charger (x1)	Lens Cover (x1)	Box (×1)
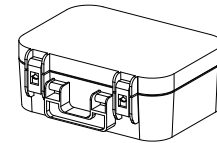
Optional
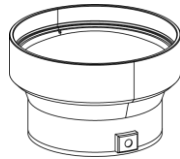
Teleconverter 0.5X	Teleconverter 2X	Teleconverter 3.3X
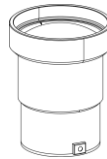
Available model

HM-TP76-25SVF/W-G60

Dimension

118.3mm(4.66")

284.7mm(11.21")

127.1mm(5.00")

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