

G40 Handheld Thermography Camera















HIKMICRO G40 handheld camera is specially designed for temperature measurement. It's equipped with a 480 x 360 resolution HIKMICRO thermal detector and a 8MP resolution optical detector. It helps the staff to quickly find the high temperature targets in the environment. Meanwhile it provides assistant decision and ensures safety. The device is mainly applied to various industries, such as substation, petrochemical plant, and machining factory, etc.

Key Features

- Thermal resolution: 480 x 360 (172 800 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

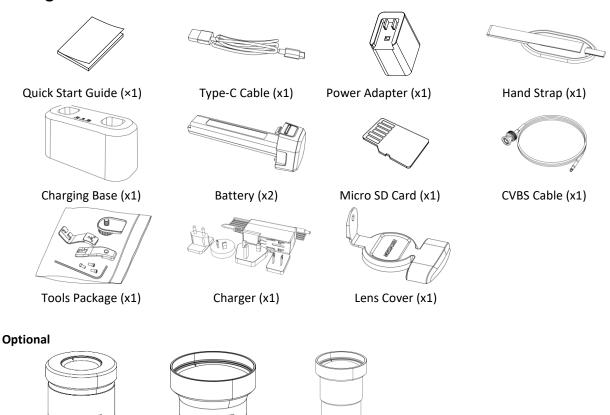
Image Sensor Vanadium Oxide Uncooled Focal Plane Arrays IR Resolution 480 x 360 (172 800 pixels) Pixel Pitch 17 µm Spectral Range 8 - 14 µm NETD <35 mK (@25°C), F8=1.0 Focal Length 25 mm FOV (Field of View) 19°x 14° Image Frequency 50 Hz Focus Continuous Autofocus/Autofocus/Manual Focus/Laser Assisted Focus IFOV (Spatial Resolution) 0.68 mrad Aperture F1.0 Minimum Focus Distance 0.3 m (0.98 ft) Optical Module Picture Resolution Video Resolution 640 × 480 Focus Fixed Fov 25° x 19° Image Display Image Display Image Display Image Display Sol x 80 Color Palettes White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain Digital Zoom 1x, 2x, 4x, 8x Image Modes Thermal Picture in Optical Picture Fusion<	Thermal Module	
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Storage Media Removable Micro SD Card (64 GB) Image Storage Capacity 60 000 Images Image File Format JPEG with Measurement Data Included	Color Alarm (Isotherm)	Above/Below/Interval/Insulation
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Image Storage Capacity 60 000 Images Image File Format JPEG with Measurement Data Included	Storage Media	Removable Micro SD Card (64 GB)
Image File Format JPEG with Measurement Data Included		
-		-
		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	
	17 Languages
Menu Language	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



Teleconverter 3.3X

Available model

Teleconverter 0.5X

HM-TP74-25SVF/W-G40



Teleconverter 2X



Dimension

