

# HANDHELD THERMOGRAPHY PRODUCT CATALOG

See the World in a New Way



# ABOUT HIKMICRO

HIKMICRO is a leading provider of thermal imaging equipment and solutions. Specializing in SoC and MEMS design, development, and manufacturing, the company offers thermal detectors, cores, modules, cameras and total solutions to the global market, serving customers in more than 100 countries and regions.

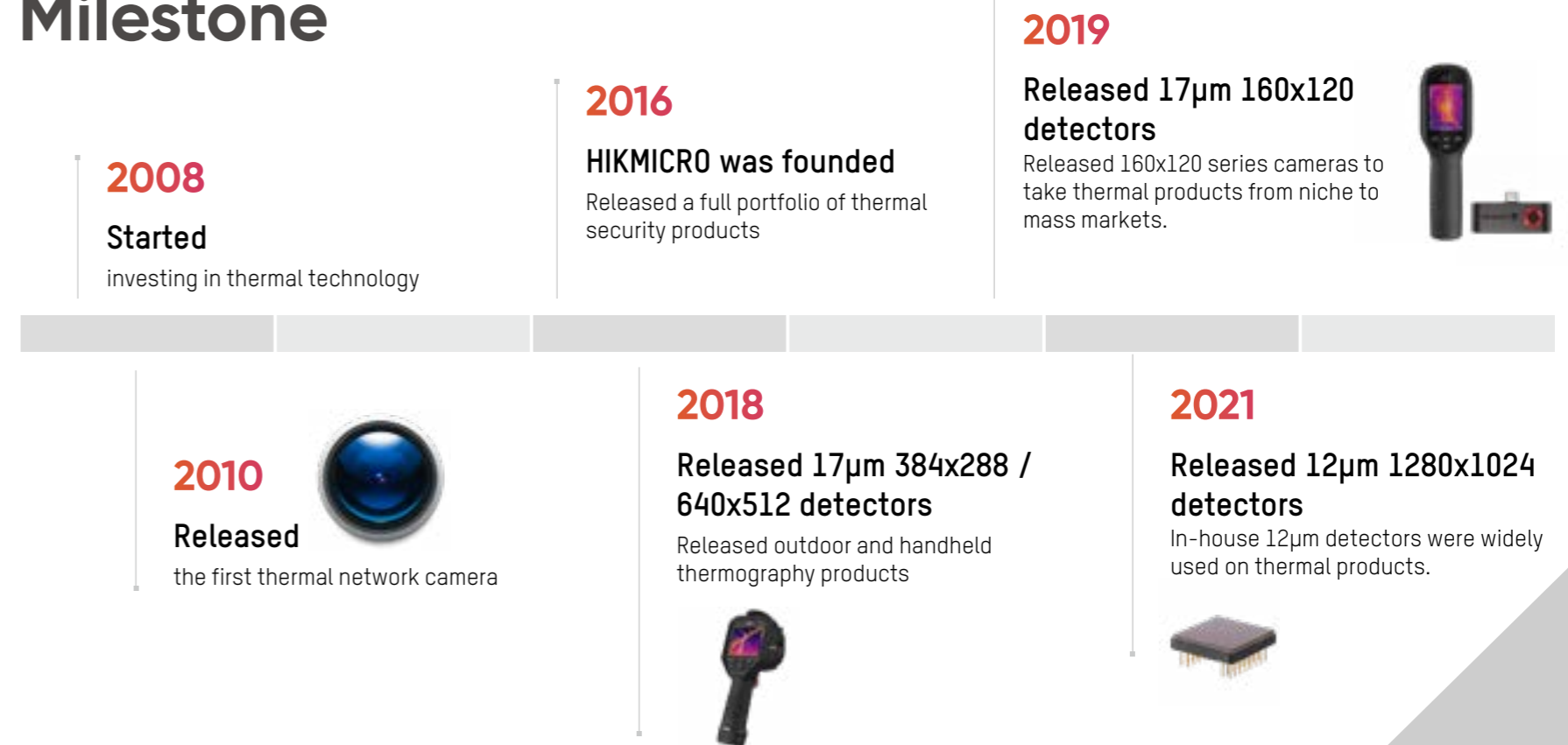
HIKMICRO places a high value on research and development, empowering its continual progress in thermal technology. The company earned ISO9001 certification in 2018, demonstrating its quality-first philosophy from the very start. Through continuous innovation, HIKMICRO's products and solutions constantly meet the diverse needs of individual, commercial, industrial, and utility customers around the world.

HIKMICRO will continue to provide professional software and hardware products for its expanding list of business partners, working together to build a safer, smarter, and more efficient world.

- High Image Quality
- Smooth Video of Dynamic Scenes
- Accurate Temperature Measurement
- Product Localization for Global Needs
- Thermal Imaging System Design Expertise
- Local Service and 3-years Warranty



## Milestone



## HIKMICRO

### Thermography Cameras

Thermography cameras is an ideal solution which provides accurate non-touch temperature measurement and heat distribution image display for electrical predictive maintenance, building inspection, HVAC inspection, manufacturing monitor, etc. HIKMICRO's thermography cameras have been used widely in detecting temperature anomalies before a fire starts, detecting radiator efficiency for HVAC inspection, searching for heat loss in buildings, finding hot spots and invisible defects on mechanical or electrical systems that could indicate a potential problem. They are also used for surveying areas that are hard to reach with conventional measurement tools.

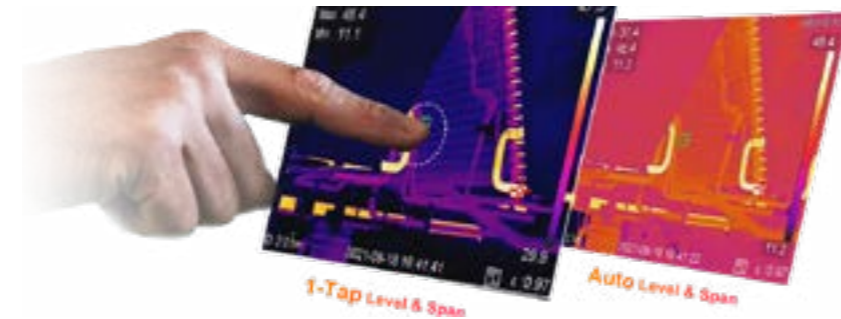


# Company Strength

- ◆ Image Quality
- ◆ Image Frequency
- ◆ Accuracy
- ◆ Warranty
- ◆ Thermal Imaging System Design Expertise
- ◆ Local Service & Support

## Image Quality

- ◆ **Thermal resolution up to 640 x 512**  
High resolution provides clear thermal images and excellent temperature measurement even at long distances.
- ◆ **NETD less than 35mK**  
A highly sensitive HIKMICRO V0x detector provides a distinct thermal vision of the target.
- ◆ **1-Tap Level & Span**  
Allows to focus one the area of the image you are interested in by narrowing the span with 1-Tap of the screen.

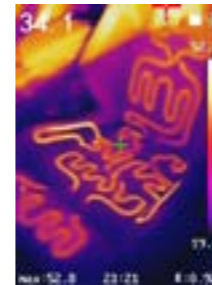


## Image Frequency

- ◆ Up to 50 Hz delivers smooth video and measurements while panning across scenes or viewing moving targets.

## Accuracy

- ◆ Max ( $\pm 2^{\circ}\text{C}/3.6^{\circ}\text{F}$ ,  $\pm 2\%$ ) accuracy and repeatable temperature measurements based on our high stability detector, optics design, and quality control.

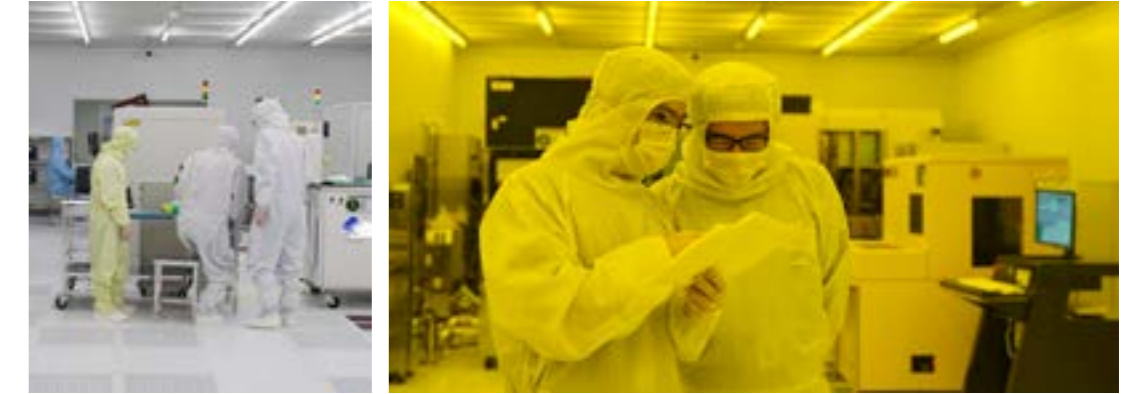


## Warranty



HIKMICRO provides a 3-10-2 warranty period (from the date of purchase) that exceeds the industry standard level of handheld thermography products. For details, please refer to the following:

- ◆ 3 years components and labor coverage for the full product
- ◆ 10 years of coverage for the detector - the most important part of the whole product!
- ◆ 2 years of coverage for the rechargeable battery if applicable



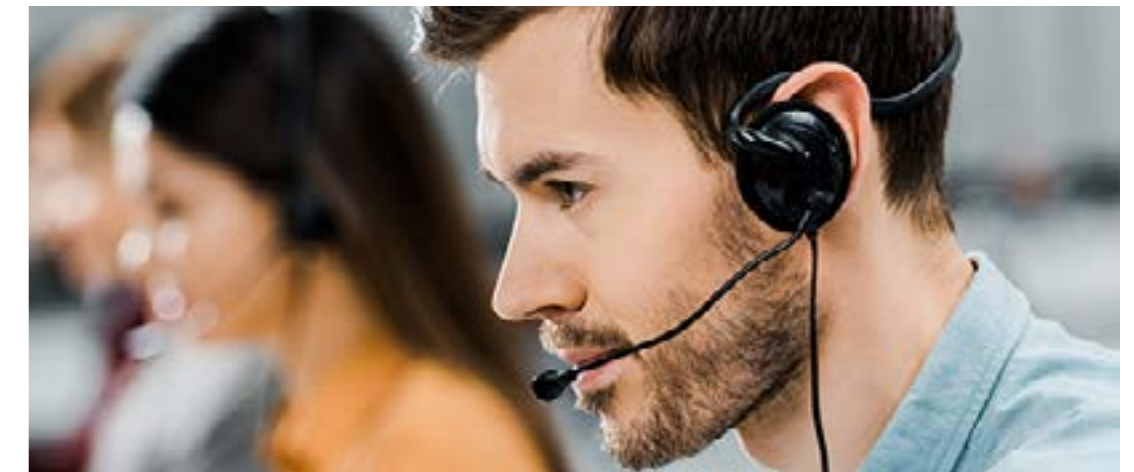
## Thermal Imaging System Design Expertise

- ◆ We maintain an in-house engineering team to design, test and manufacture thermal sensors.
- ◆ Strict quality management system with 100% functionality testing.
- ◆ Highly automated manufacturing system guarantees production consistency and capacity.



## Local Service & Support

- ◆ Provide local service and support around the world.
- ◆ Localized product and software support up to 21 languages for global needs.



# Software

## Intuitive User Interface

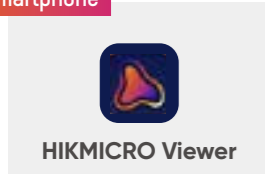
Temperature Measurement Software:

PC



HIKMICRO Analyzer is a free software offering flexible ways, including points, lines, rectangles, circles, polygons to analyze thermographic information of captured pictures, and generate reports.

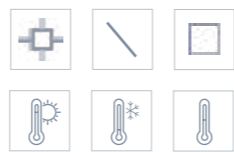
Smartphone



HIKMICRO Viewer is a powerful free App that realizes real-time screen sharing for cameras with Wi-Fi capability. Users are capable of controlling camera remotely, such as changing image modes and color palettes, enabling/disabling measurement presets, performing offline analysis, sharing images, etc. Moreover, the App also supports generating report of radiometric images.

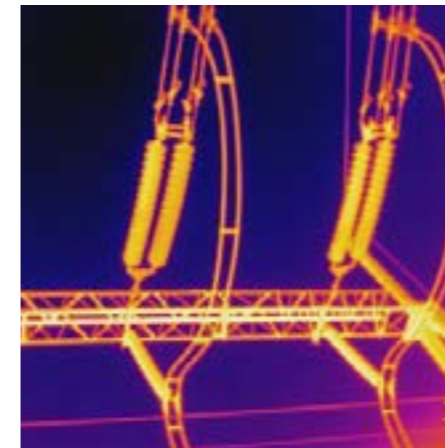


User-defined report pattern

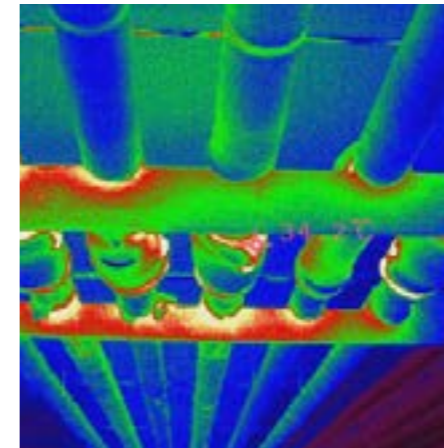


Offline radiometric image analysis

# Application Scenarios



Utility Inspections



HVAC Inspections



Automotive Inspections



Building Maintenance

# Mini Series

See the world in a new way

## High IR Resolution

The thermal image resolution at 19 200 pixels.

## Fast Image Frequency

Industry leading 25 Hz (Frames per second) for smooth video display.

## High Image Quality

See small differences in temperature down to 40 mK.

## Mini Design

Small and easy to carry and dose not require a separate charger or power supply.

## Accurate Temperature Measurement

Mini: Within 30°C to 45°C (86°F to 113°F), ±0.5°C(0.9°F)accuracy. Within 5°C to 30°C(41°F to 86°F), 45 °C to 100°C(113°F to 212°F), ±2°C(3.6°F)accuracy.

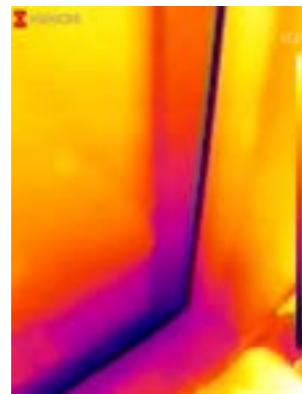
Mini 1: Within -20°C to 350°C (-4°F to 662°F), Max (±2°C/3.6°F, ±2%).

## Smartphone App(Android version)

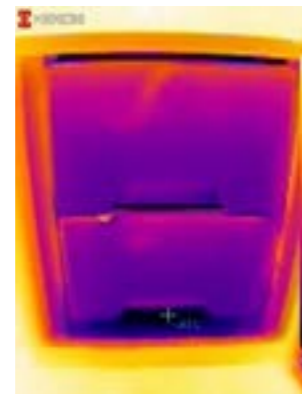
Easy to use and easy to share your images.



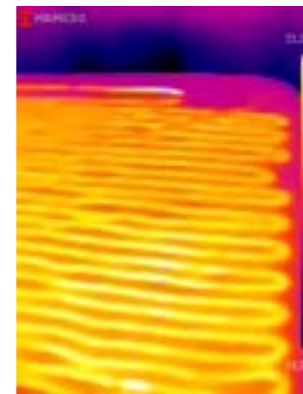
## Application Scenarios



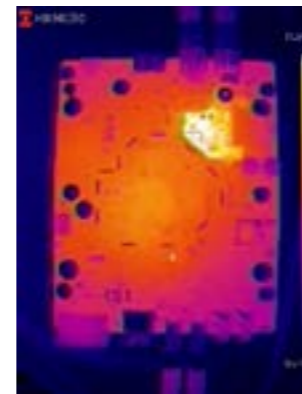
Air Leak Detection



Check Cooling Efficiency



Check Underfloor Heating



Check PCB Circuit Boards

		Mini	Mini 1
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	
	IR Resolution	160 × 120 (19 200 pixels)	
	NETD	< 40 mK (@ 25°C, F#=1.0)	
	FOV (Field of View)	37.2° × 50°	
	Image Frequency	25 Hz	
	Focus	Fixed	
	Minimum Focus Distance	20 cm	
Functions	Object Temperature Range	5 °C to 100 °C (41°F to 212°F )	-20 °C to 350 °C(-4°F to 662°F )
	Accuracy	±0.5°C (0.9°F), for object temperature 30°C to 45°C (86°F to 113°F); ±2 °C (3.6°F), for object temperature 5°C to 30°C (41°F to 86°F ) and 45°C to 100°C ( 113°F to 212°F). Applicable 60 sec after start-up when the ambient temperature 15°C to 35°C (59°F to 95°F )	Max (±2°C/3.6°F, ±2%), applicable 60 sec after start-up when the ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
App	Measurement Presets	Hot Spot, Cold Spot, Center Spot, 1 Point Preset, 1 Area Preset, Off	Hot Spot, Cold Spot, Center Spot, 3 Point Presets, 3 Area Presets, Off
	Color Palettes	lack Hot, White Hot, Red Hot, Rainbow, Ironbow, Fusion, Rain	
	Video Format	MP4	
General	Image Format	JPEG	
	Power	Powered by Smartphone	
	Phone	Android (USB Type-C Interface)	
	Protection Level	IP40	
	Mechanical Shock	Drop from 1 m (3.28 ft )	
	Weight	26 g (0.057 lb)	
	Smart Phone Compatibility	<a href="https://www.hikmicrotech.com/en/thermography">https://www.hikmicrotech.com/en/thermography</a>	
Included Components	Thermal Imaging Camera x 1, Storage Bag x 1, USB Adapter x 1, Quick Start Guide x 1		

# Entry-level Series

Compact easy to use thermal imaging camera for daily operation

## High Image Quality

A highly sensitive HIKMICRO VOx detector (NETD < 40 mK) provides a distinct thermal vision of the target.

## Fast Image Frequency

25 Hz delivers smooth video and measurements while panning across scenes or viewing moving targets.

## Auto-Range

The camera automatically changes temperature measurement range based on the detected temperature of the target.

## Long Battery Life

Up to 8 hours continuous running.

## Efficient Temperature Measurement

Track the temperature of the Center Spot, Hot Spot, Cold Spot automatically.

## Laser Pointer

The Laser Pointer helps show the position of the center point on actual object.

## Compact Design

Unique ergonomic design offers user the best of comfort with its weight less than 350 g (0.77 lb). Compact design fits the toolbox easily.

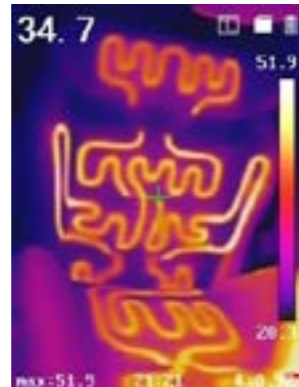


E1L

## Application Scenarios



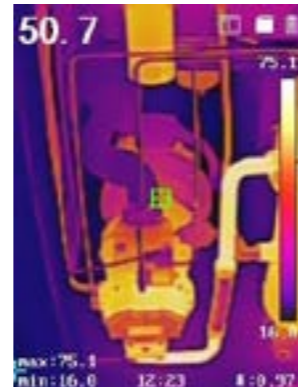
Check Floor Heating



Check Seat Heating



Electrical Inspections



Check Machine Temperatures

		E1L
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
	IR Resolution	160 × 120 (19 200 pixels)
	NETD	< 40 mK (@25°C), F#=1.0
	Focal Length	3.1 mm
	FOV (Field of View)	37.2° × 50°
	Image Frequency	25 Hz
	Focus	Fixed
Image Display	IFOV (Spatial Resolution)	5.48 mrad
	Display	320 × 240 Resolution, 2.4" LCD Screen
Measurement and Analysis	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow
	Object Temperature 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)
Storage	Measurement Presets	Center Spot, Hot Spot, Cold Spot, Off
	Storage Media	Removable Micro SD Card (8 GB)
	Image Storage Capacity	150 000 Images
Functions	Image File Format	JPEG with Measurement Data Included
	Laser Pointer	Yes
Power System	Level/Span	Auto
	Battery Operating Time	8 Hours Continuous Running
General	Menu Language	17 Languages
	Protection Level	IP54
	Drop Test Height	2 m (6.56 ft)
	Weight	Approx. 350 g (0.77 lb)
Included Components		Thermal Imager x 1, Wrist Strap x 1, International Charger x 5 (US, UK, EU, AU, CN), USB Cable x 1, 8 GB SD Card x 1, Power Adapter x 1, Quick Start Guide x 1, Calibration Certificate x 1

# Basic Series

Compact easy to use thermal imaging camera for daily operation

## High Image Quality

A highly sensitive HIKMICRO VOx detector (NETD < 40 mK) provides a distinct thermal vision of the target.

## Multiple Image Modes

Thermal, Fusion, PIP and Optical modes to suit your preferred view. (B10 and B20 Support)

## 3.2" Color LCD

View the details of your images on the large, class-leading LCD screen.

## Wi-Fi Connectivity

Connect to mobile devices via built-in Wi-Fi then the HIKMICRO Viewer App can quickly share your images.

## LED Work Light

The LED work light allows you to work safely in dim or dark environments.

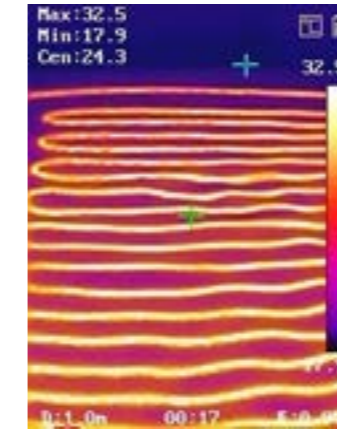
## High Temperature Alarm

Built-in speaker and flash light give the operator audio and visual alerts to high temperatures.

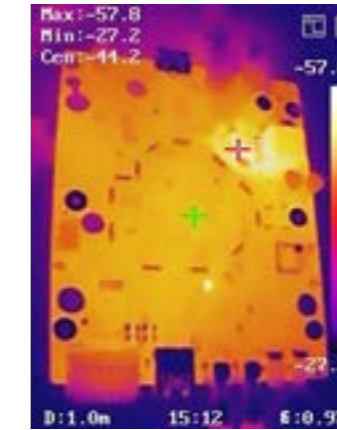


B Series

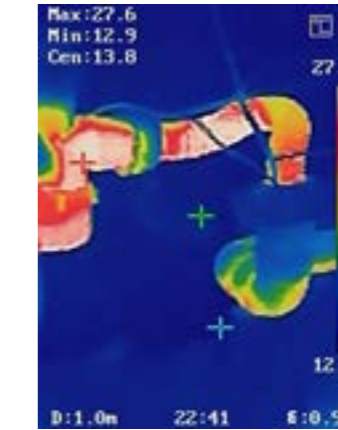
## Application Scenarios



Check Underfloor Heating



Check PCB Circuit Boards



Check Hot Water Pipes



Electrical Inspections

		B1L	B2L
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	
	IR Resolution	160 x 120 (19 200 pixels)	256 x 192 (49 152 pixels)
	NETD	< 40 mK (@ 25°C, F#=1.0)	
	Focal Length	3.5mm	3.6mm
	FOV (Field of View)	32.9° × 44.4°	37.2° × 50.0°
	Image Frequency	25 Hz	
	Focus	Fixed	
	I FOV (Spatial Resolution)	4.85 mrad	3.3mrad
Optical Module	Picture Resolution	N/A	N/A
Image Display	Display	240 × 320 Resolution, 3.2" LCD Screen	
	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow	
	Image Modes	Thermal	Thermal
Measurement and Analysis	Object Temperature 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, Point Presets, Off	
	High Temperature Alarm	Audible and Visual Warning	
Storage	Storage Media	EMMC (4 GB)	EMMC (4 GB)
	Image Storage Capacity	30 000 Images	30 000 Images
	Image File Format	JPEG with Measurement Data Included	
Functions	LED Light	Yes	
	Wi-Fi	802.11 b/g/n (2.4GHz)	802.11 b/g/n (2.4GHz)
	Connect with APP	Yes	Yes
	Level/Span	Auto/Manual	
Power System	Battery Operating Time	8 Hours Continuous Running	8 Hours Continuous Running
General	Menu Language	21 Languages	
	Protection Level	IP54	
	Drop Test Height	2 m (6.56 ft)	
	Weight	Approx. 360 g (0.79 lb)	Approx. 380 g (0.84 lb)
	Included Components	Thermal Imager x 1, Wrist Strap x 1, International Charger x 5 (US, UK, EU, AU, CN), USB Cable x 1, Power Adapter x 1, Quick Start Guide x 1, Calibration Certificate x 1	

		B10	B20
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	
	IR Resolution	256 x 192 (49 152 pixels)	256 x 192 (49 152 pixels)
	NETD	< 40 mK (@ 25°C, F#=1.0)	
	Focal Length	3.6mm	3.6mm
	FOV (Field of View)	37.2° × 50.0°	37.2° × 50.0°
	Image Frequency	25 Hz	
	Focus	Fixed	
	I FOV (Spatial Resolution)	3.3mrad	3.3mrad
Optical Module	Picture Resolution	1600 × 1200 (2 MP)	1600 × 1200 (2 MP)
Image Display	Display	240 × 320 Resolution, 3.2" LCD Screen	
	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow	
	Image Modes	Thermal/Optical/Fusion/PIP	Thermal/Optical/Fusion/PIP
Measurement and Analysis	Object Temperature 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, Point Presets, Off	
	High Temperature Alarm	Audible and Visual Warning	
Storage	Storage Media	EMMC (16 GB)	EMMC (16 GB)
	Image Storage Capacity	90 000 Images	90 000 Images
	Image File Format	JPEG with Measurement Data Included	
Functions	LED Light	Yes	
	Wi-Fi	No	802.11 b/g/n (2.4GHz)
	Connect with APP	No	Yes
	Level/Span	Auto/Manual	
Power System	Battery Operating Time	6 Hours Continuous Running	6 Hours Continuous Running
General	Menu Language	21 Languages	
	Protection Level	IP54	
	Drop Test Height	2 m (6.56 ft)	
	Weight	Approx. 380 g (0.84 lb)	Approx. 380 g (0.84 lb)
	Included Components	Thermal Imager x 1, Wrist Strap x 1, International Charger x 5 (US, UK, EU, AU, CN), USB Cable x 1, Power Adapter x 1, Quick Start Guide x 1, Calibration Certificate x 1	



# Master Series

Advanced thermal imaging camera with full function analysis

## Outstanding Image Quality

A highly sensitive HIKMICRO V0x detector (NETD < 35 mK), IR resolution up to 384 × 288 (110 592 pixels) provides a distinct thermal vision of the target.

## Manual Focus Supported

Physical focus knob allows changing focus manually to see objects clearly at different distances.

## Wi-Fi Connectivity

Connect to mobile devices via built-in Wi-Fi and the HIKMICRO Viewer App to quickly share your images.

## Flexible Ways to Measure

Flexibly measure points (Center Spot, Hot Spot, Cold Spot, Off, 10 Point Presets, 1 Line Presets, 3 Area Presets). Four color alarm (isotherm) modes are available, including Above Alarm, Below Alarm, Interval Alarm, Insulation Alarm.

## 3.4" LCD Touch Screen

View the details of your images on the large, class-leading LCD screen.

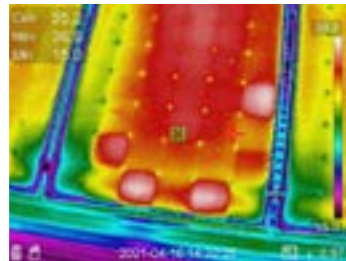
## 1-Tap Level & Span

Allows to focus on the area of the image you are interested in by narrowing the span with 1-Tap of the screen.

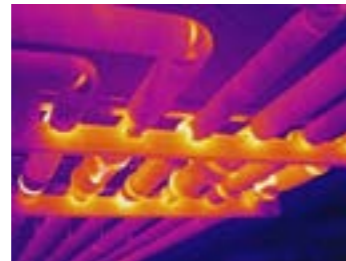


M Series

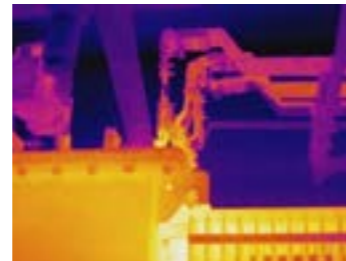
## Application Scenarios



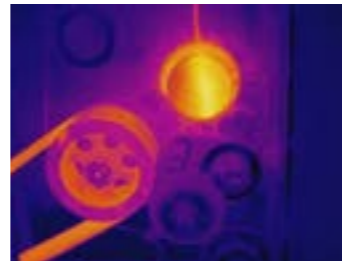
Check Photovoltaic Solar Panels



Check HVAC Pipework



Check Substation Connections



Check Mechanical Components

		M10	M30
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	
	IR Resolution	160 x 120 (19 200 pixels)	384 x 288 (110 592 pixels)
	NETD	< 40 mK (@25°C), F#=1.0	< 35mK (@ 25 °C, F#=1.0)
	Focal Length	6.2mm	10 mm
	FOV (Field of View)	25° × 18.7°	37.5° × 28.5°
	Image Frequency	25 Hz	
	Focus	Manual	
	IFOV (Spatial Resolution)	2.74 mrad	1.7mrad
Optical Module	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP	
Image Display	Display	640 × 480 Resolution, 3.5" LCD Touch Screen	
	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain	
	Image Modes	Thermal/Optical/Fusion/PIP	
Measurement and Analysis	Object Temperature 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	
	Measurement Presets	Center Spot, Hot Spot, Cold Spot, Point Presets, 10 User Preset Points, 1 User Preset Line, 3 User Presets Areas, Off	
	High Temperature Alarm	Audible Warning	
	Color Alarm (Isotherm)	Above/Below/Interval/Insulation	
Storage	Storage Media	Removable Micro SD Card (16 GB)	Removable Micro SD Card (64 GB)
	Image Storage Capacity	90 000 Images	90 000 Images
	Image File Format		
	Video Storage Capacity	10 Hours	56 Hours
	Video File Format	Non Radiometric MP4	
Functions	Laser Pointer	Yes	
	LED Light	Yes	
	Wi-Fi	802.11 a/ac/b/g/n (2.4 and 5 GHz)	
	Level/Span	Auto/Manual/1-Tap Level & Span	
Power System	Battery Operating Time	5 Hours Continuous Running	4 Hours Continuous Running
General	Menu Language	18 Languages	
	Protection Level	IP54	
	Drop Test Height	2 m (6.56 ft)	
	Weight	Approx. 380 g (0.84 lb)	
	Included Components	Thermal Imager x 1, Wrist Strap x 1, International Charger x 5 (US, UK, EU, AU, CN), Power Adapter x 1, Charging Base x 1, Rechargeable Battery x 2, Type-C Cable x 1, 16 GB (M10)/64 GB (M30) SD Card x 1, Box x 1, Quick Start Guide x 1, Calibration Certificate x 1	

# Genius Series

Professional thermal imaging camera with top performance image and full analysis

## Ultra High Resolution

Up to 640x512 (327 680 pixels) IR resolution, you get a thermal image in HD.

## Various Focus Modes

Support 4 types of focus mode (Continuous Auto Focus, Auto Focus, Laser Assisted Focus and Manual Focus) to reach more clear images and lead to more accurate temperature.

## Embedded Laser Distance Meter

Integrated laser distance meter measures accurate distance from afar, more convenient in setting parameter and generate report.

## 1-Tap Level & Span

Allows to focus one the area of the image you are interested in by narrowing the span with 1-Tap of the screen.

## Multiple Interchangeable Lens Choices

Interchangeable Lens 0.5X, 2X, 3.3X are available for choices. Different tele converter gives different Field Of View, which gives more choices when facing different scenarios.

## Ultra High Image Frequency

50 Hz delivers smooth video and measurements while panning across scenes or viewing moving targets.

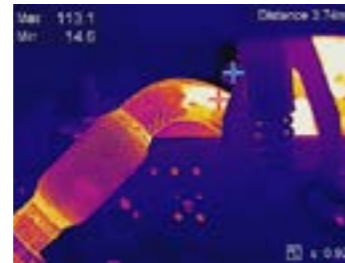


G Series

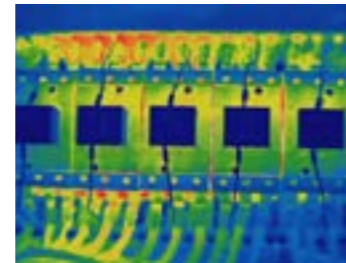
## Application Scenarios



Mechanical Equipment Inspections



Oil Pipe Inspections



Electrical Inspections



Utility Inspections

		G40	G60
Thermal Module	Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	
	IR Resolution	480 x 360 (172 800 pixels)	640 x 512 (327 680 pixels)
	NETD	< 35 mK (@25°C), F#=1.0	
	Focal Length	25 mm	
	FOV (Field of View)	19° x 14°	25° x 19°
	Image Frequency	50 Hz	
	Focus	Continuous Autofocus/Autofocus/Manual Focus/Laser Assisted	
	IFOV (Spatial Resolution)	0.68 mrad	
Optical Module	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP	
	Image Display	800 x 480 Resolution, 4.3" LCD Touch Screen	
Image Display	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain	
	Image Modes	Thermal/Optical/Fusion/PIP	
	Object Temperature Range	-20 °C to 650 °C (-4 °F to 1202 °F)	
Measurement and Analysis	Accuracy	Max (±2°C/3.6°F, ±2%)	
	Measurement Presets	Center Spot, Hot Spot, Cold Spot, Point Presets, 10 User Preset Points, 1 User Preset Line, 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	JPEG with Measurement Data Included	
	Video Storage Capacity	54 Hours	
	Video File Format	Non Radiometric MP4	
Functions	Laser Pointer	Yes	
	Laser Distance Meter	Yes	
	LED Light	Yes	
	Wi-Fi	802.11 b/g/n (2.4 GHz)	
	Level/Span	Auto/Manual/1-Tap Level & Span	
	Power System	Battery Operating Time	4 Hours Continuous Running
General	Menu Language	17 Languages	
	Protection Level	IP54	
	Drop Test Height	2 m (6.56 ft)	
	Weight	Approx. 1000 g (2.20 lb)	
	Included Components	Thermal Imager x 1, Wrist Strap x 1, International Charger x 5 (US, UK, EU, AU, CN), Power Adapter x 1, Charging Base x 1, Rechargeable Battery x 2, Type-C Cable x 1, CVBS Cable x 1, 64 GB SD Card x 1, Lens Cover x 1, Tools Package x 1, Quick Start Guide x 1, Calibration Certificate x 1	

# Multiple Interchangeable Lens Choices

Professional thermal imaging camera with top performance image and full analysis

## Wide Angle Lens

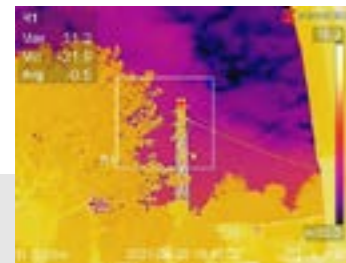
Sometimes there is not enough space to take a step back and see the whole picture. This wide-angle lens has almost twice the field of view of the standard lens. This lens is ideal for building inspections or other applications where broad or high goals are required.

## Standard Lens

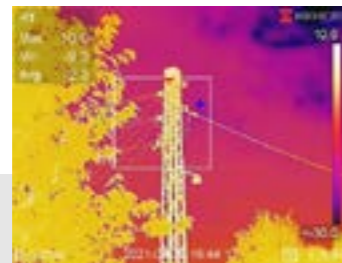
The standard lens is ideally suited for a wide range of applications. Unless otherwise specified, this lens is included in your HIKMICRO Gxx Series handheld thermography camera.

## Telephoto Lens

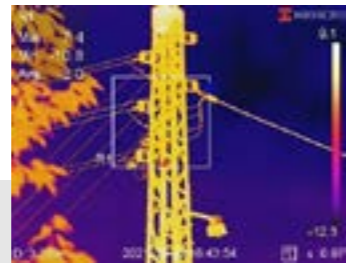
The telephoto lens is a widely used lens accessory that can provide up to 3.3x magnification compared to the standard lens. Ideal for small or distant targets such as power lines, manufacturing, and mining equipment, etc.



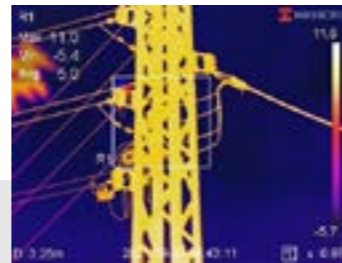
Wide Angle 0.5X HM-G605-LENS



Standard Lens Included with G series cameras



Telephoto 2X HM-G620-LENS



Telephoto 3.3X HM-G630-LENS

Focal Length	13mm
FOV (Field of View)	48.2°(H) x 38.5°(V) @660 35.4°(H) x 26.2°(V) @640
Accuracy	Max (±3°C/5.4°F, ±3%)
Minimum Focus Distance	0.2 m (0.66 ft)

Focal Length	25mm
FOV (Field of View)	25°(H) x 19°(V) @660 19°(H) x 14°(V) @640
Accuracy	Max (±3°C/3.6°F, ±2%)
Minimum Focus Distance	0.3 m (0.98 ft)

Focal Length	50mm
FOV (Field of View)	12.5°(H) x 10.0°(V) @660 9.3°(H) x 7.0°(V) @640
Accuracy	Max (±3°C/5.4°F, ±3%)
Minimum Focus Distance	1.2 m (3.94 ft)

Focal Length	82mm
FOV (Field of View)	7.6°(H) x 6.1°(V) @660 5.7°(H) x 4.3°(V) @640
Accuracy	Max (±3°C/5.4°F, ±3%)
Minimum Focus Distance	3.2 m (10.50 ft)

Level	Phone module		Entry-level	Basic			Master		Genius		
Model	Mini	Mini1	E1L	B1L	B2L	B10	B20	M10	M30	G40	G60
Image											
IR Resolution	160 x 120		160 x 120	160 x 120	256 x 192	256 x 192	256 x 192	160 x 120	384 x 288	480 x 360	640 x 512
Temperature Range	5 °C to 100 °C (41°F to 212°F)	-20 °C to 350 °C (-4°F to 662°F)	-20 °C -550 °C (-4°F-1022°F)	-20 °C -550 °C (-4°F-1022°F)			-20 °C -550 °C (-4°F-1022°F)		-20 °C -650 °C (-4°F-1022°F)		
Optical Camera	x		x	x	x	Max 2 MP	Max 2 MP	Max 8 MP		Max 8 MP	
NETD	< 40 mK		< 40 mK	< 40 mK			< 40 mK	< 35 mK	< 35 mK		
Image Frequency	25 Hz		25 Hz	25 Hz			25 Hz		50 Hz		
Display	Phone Screen		2.4" LCD Screen	3.2" LCD Screen			3.5" LCD Touch Screen		4.3" LCD Touch Screen		
Focus	Fixed	Fixed	Fixed	Fixed			Manual		Continuous Autofocus/Autofocus/Manual Focus/Laser Assisted Focus		
Battery Operating Time	Powered by Smartphone		8 Hours Continuous Running	8 Hours Continuous Running	8 Hours Continuous Running	6 Hours Continuous Running	6 Hours Continuous Running	5 Hours Continuous Running	4 Hours Continuous Running	4 Hours Continuous Running	
Auto-Range	x		√	√			√		√		
Color Alarm (Isotherm)	x		x	√			√		√		
High Temperature Alarm	x	√	x	√			√		√		
Connect with App	√	x	x	√	√	x	√	√	√	√	√
Video	√	x	x	x			√		√		
1-Tap Level & Span	x	x	x	x			√		√		
Laser Distance Meter	x	x	x	x			x		√		
Interchangeable Lenses	x		x	x			x		√		
Muti-language	√										
Warranty	3 years for full Product, 10 years for detector, and 2 years for battery if applicable										

# See the World in a New Way


HIKMICRO Thermography Cameras



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