

# Gx1 SERIES

Ultra High Resolution. More Efficient Inspection



**SuperIR™**

## Ultra High Resolution

A highly sensitive VOx detector with up to 640 x 480 (307,200 pixels) IR resolution, provides a distinct thermal vision of the target.

## 5 Quick Focus Modes

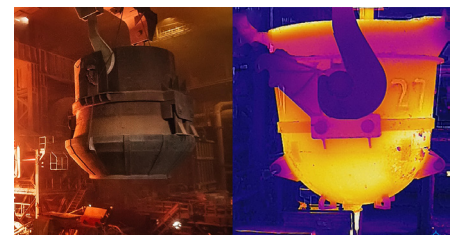
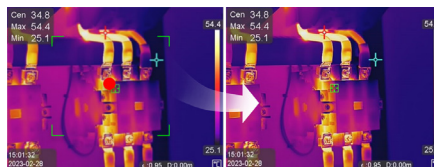
Support for 5 focus modes and a fast focus speed of 2 seconds help save time by providing sharper images for more accurate temperature measurements.

## Up to 2000°C Temperature Range

With a measurement range of up to 2000°C (3992°F), it can handle industrial furnace applications, refractory, and inspecting tools/fixtures in metal smelting at these extreme temperatures. (\*G41H/G61H only)



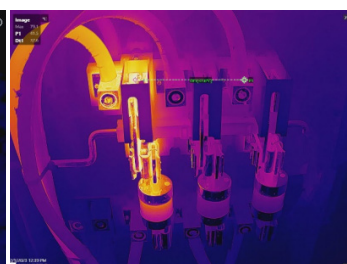
-   
Continuous Autofocus
-   
Autofocus
-   
Laser Assisted Focus
-   
Touch AF
-   
Touch AF



## APPLICATIONS



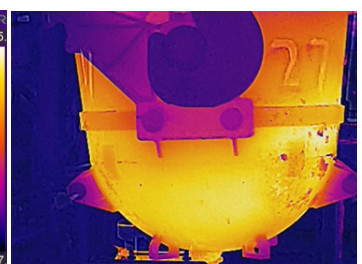
Electric Utilities



Facility Maintenance

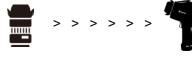


Factory

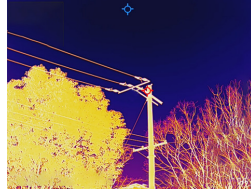


Kilns

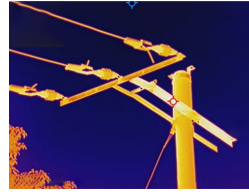
## ADD-ON LENSES



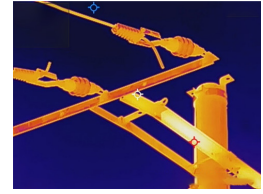
G31



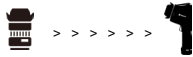
**Wide Angle 0.5X**  
HM-G305-LENS1



**Telephoto 2X**  
HM-G320-LENS1



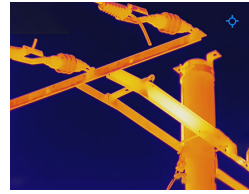
**Telephoto 3.3X**  
HM-G330-LENS1



G41/H & G61/H



**Wide Angle 0.5X**  
HM-G605-LENS1



**Telephoto 2X**  
HM-G620-LENS1



**Telephoto 3.3X**  
HM-G630-LENS1

## WHAT'S IN THE BOX



- Handheld Thermography Camera
- 64GB Micro SD card
- Rechargeable Battery (x3)
- Charging Base
- Power Adapter
- International Use Plugs (US/EU/UK/AU) for Power Supply (x4)
- USB 2.0 A to USB Type-C Cable
- Mini HDMI to HDMI Cable
- Lens Cover
- Hand Strap
- Accessory Bag
- User Manual
- Calibration Certificate
- Quick Start Guide
- Packing List
- Carrying Case
- Aperture (G41H/G61H Only)

Model No		G31	G41	G41H	G61	G61H
Infrared Image	IR Resolution	384 x 288	480 x 360	480 x 360	640 x 480	640 x 480
	SuperIR	768 x 576 (442,368 pixels)	960 x 720 (691,200 pixels)	960 x 720 (691,200 pixels)	1280 x 960 (1,228,800 pixels)	1280 x 960 (1,228,800 pixels)
	NETD	< 35 mK (@ 25 °C, F#=1.0)				
	Image Frequency	50 Hz				
	Field of View (FOV)	25° x 19°	18.7° x 14°	18.7° x 14°	25° x 19°	25° x 19°
	Spatial Resolution (IFOV)	1.13 mrad	0.68 mrad	0.68 mrad	0.68 mrad	0.68 mrad
	Focus Mode	Laser Assisted AF/Continuous AF/AF/Manual Focus/Touch AF				
Image Display	Visual Camera	3264 x 2448 (8 MP)				
Measurement and Analysis	Object Temperature Range	-20 °C to 650 °C (-4 °F to 1202 °F)	-20 °C to 650 °C (-4 °F to 1202 °F)	-20 °C to 2000 °C (-4 °F to 3632 °F)	-20 °C to 650 °C (-4 °F to 1202 °F)	-20 °C to 2000 °C (-4 °F to 3632 °F)
	Accuracy	Max (±2°C/3.6°F, ±2%)				
General	Image and Video Formats	JPEG, MP4, Radiometric Video				
	Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz)				
	HDMI Interface	Yes				
	GPS & Compass	Yes				
	Battery Operating Time	Approx. 4 hours				

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