

Thermal Imager, 192x144p

G9700 Series - G9701PRO

The GAZELLE G9701PRO Infrared Thermal Imager delivers industrial performance troubleshooting to boost your team's productivity. With 192 x 144 resolution, the G9701PRO will enable you to inspect large areas quickly and easily up to 550°C for your HVAC, switchgear, solar & electric panel, electrical, mechanical, and building problems. The camera's manual focus enables you to precisely target areas allowing the camera to maintain sharp images & accurate results. The 3.5inch LCD screen displays infrared images in 4 modes – thermal, fusion, optical, and picture-in-picture to help you find problems faster. Additionally, with 16GB of internal storage, you can document and store thousands of pictures and videos easily. The rechargeable lithium-ion battery can work without a break with for up to 5 hours, giving users peace of mind as they work through challenging tasks. With an ergonomic, rugged build, the G9701PRO withstands a 2-meter drop test, and with the IP54 rating against dust and water particles, users can work efficiently across several applications. The GAZELLE Mobile and PC software application for thermal imagers allows you to get more from your device with features like remote access to use the camera in real-time to document pictures & videos, tools to optimize images, and create detailed, professional reports.



- Thermal resolution 192 x 144 (27,648 pixels)
Super resolution 384 x 288 (110,592 pixels)
- 8 MP resolution (optical)
- DDE, 3D DNR, and adaptive AGC
- 640 x 480 resolution
- 3.5" LCD touch display
- Up to five hours continuous running

Standard Accessories

- User Manual
- Power Adapter Kit
- USB Cable
- Professional Carry Case
- Wrist Strap
- Battery
- Charging Dock

Functions

Thermography

Device detects the real-time temperature and display it on the screen.

Storage

Device is equipped with built-in memory module to store recorded videos, captured snapshots, and important data.

Fusion

Device can display fusion of thermal view and optical view.

Palette and Alarm

Device supports multiple palettes, and you can set the palette mode according to the alarm function.

LED Light

LED Light supplement makes the device a torch in required scenarios.

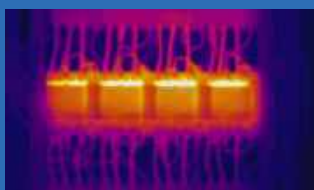
Laser Light Supplement

Long-distance laser light supplement to point the thermography target.

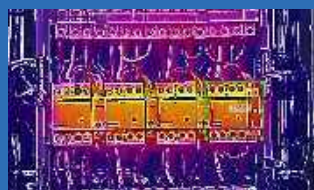
Specifications		Best Accuracy
Thermal Module	Image Sensor	Uncooled Focal Plane Arrays
	Resolution	25Hz: 192 x 144 (thermal resolution) 384 x 288 (super resolution)
	Pixel Pitch	17µm
	Response Waveband	8µm to 14µm
	NETD	< 40 mk (@ 25 °C, F#=1.0)
	Field of View	25° x 18.7°
	Focal Length	6.2 mm (Manual Focus)
	IFOV	2.74 mrad
	Aperture	F 1.1
Optical Module	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
	Video Resolution	640 x 480
Image Display	Monitor	640 x 480 resolution, 3.5" LCD touch display
	Palettes	Black hot, White hot, Red hot, Rainbow, Ironbow, Fusion, Rain
	Digital Zoom	Thermal: 1x, 2x, 4x
	Thermal / Optical	Thermal/Optical/Fusion image/Picture in Picture
	Picture in Picture	Support Thermal View in Optical View
	Fusion	Support (Thermal View and Optical View Combined)
	Record Video	Support on-board video recording
Thermography	Rules	Max. Temperature; Min. Temperature; Center Temperature; Custom Point/Line/Area Thermography
	Range	-20 °C to 550 °C (-4 °F to 1022 °F)
	Accuracy	Max (±2 °C, ±2%)
Battery	Battery Type	Dismountable and rechargeable Li-ion Battery
	Battery Operating Time	5 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light off 4 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light on
Functions	Laser Light	Support (Point to the thermography target)
	Storage	Built-in memory module (16 G)
	Photo	Thermal/Optical/Fusion Image
	Video	Thermal/Optical/Fusion Image
	Lighting	Support
	Wi-Fi	Support

Image Display Modes

Thermal



Fusion



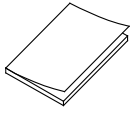
PIP



Optical



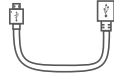
Accessories



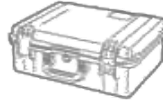
User Manual (x1)



Power Adapter
Kit (x1)



USB Cable (x1)



Professional Carry
Case (x1)



Wrist Strap (x1)



Battery (x2)



Charging
Dock (x1)

Product Applications



HVAC Inspection



Switchgear Inspection



Solar Panel Inspection



Electric Panel Inspection



Industrial Motor Inspection



Building Inspection

Ordering Information

Gazelle G9701PRO 160 x 120 Industrial Thermal Imager; 25 Hz

Included

Thermal Camera; AC Power Supply (including universal adapters);
USB Cable; Hard Carry Case; Wrist Strap; User Manual
Batteries: Charging Dock Station
Available by free download: Gazelle Desktop Software & User Manual



Desktop and Mobile Software Available

- Supports Wi-Fi connection and WLAN hotspot
- Edit and optimize images for simpler analysis
- Generate detailed reports