

THERMAL CAMERA

FLIR TG267™

The FLIR TG267 takes you beyond the limitations of single-spot IR thermometers, allowing you to see the hot and cold spots that can indicate serious issues. Examine everything from electrical connections to mechanical breakdowns quickly and accurately. This handheld thermal camera reduces diagnostic time while simplifying reporting and long-term monitoring of equipment and systems throughout a facility. FLIR MSX® (Multi-Spectral Dynamic Imaging) improves image clarity by embossing visual scene details on thermal images, providing added context to help you accurately target potential faults and troubleshoot repairs. Record images to monitor maintenance history and reassure your customer that problems have been resolved. With a simple user interface, Bluetooth® connectivity, storage for up to 50,000 images, and rechargeable Li-ion battery, FLIR TG267 is ready to go out of the box.

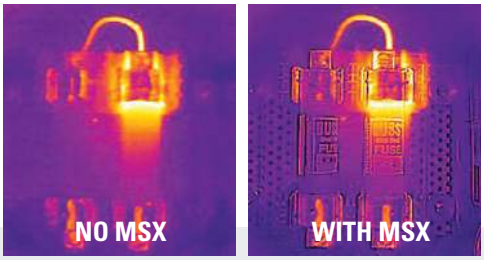
www.flir.com/TG267



IDENTIFY PROBLEMS QUICKLY

Outfit your toolbox with this combination non-contact temperature measurement and thermal imaging camera

- Experience the difference you can make with a true 160 × 120 IR pixel imager (19,200 pixels)
- Measure a wide range of temperatures: -25°C to 380°C (-13°F to 716°F)
- Add contact-measurement readings with the included Type-K thermocouple (up to 260°C/500°F)
- Identify the exact area that you're measuring using the bullseye laser pointer



PRODUCE CRISP THERMAL IMAGES

See the detail needed to troubleshoot faults and gauge their severity

- Diagnose problems faster with FLIR-patented MSX image enhancement
- Display and capture thermal or visual images with temperature readings
- Compare before-and-after stored images with FLIR Tools® software to demonstrate the problem and your fix
- View thermal images in your preferred color palette on the bright 2.4-inch color display



WORK WITH CONFIDENCE IN RUGGED ENVIRONMENTS

Take the TG267 anywhere thanks to its portable design and protective IP54 enclosure

- Work safely and worry-free knowing that the thermal imager can withstand a 2-meter drop
- Peer into the darkness and hard-to-reach areas with the bright LED flashlight
- Upload measurement and images in the field via a METERLiNK® connection to the FLIR Tools mobile app
- Rely on the security of the world-class FLIR 2-10 warranty

SPECIFICATIONS

Imaging and optical data	
IR resolution	160 × 120 pixels
Digital image enhancement	Yes
Thermal sensitivity/NETD	<70 mK
Field of view (FOV)	57° × 44°
Minimum focus distance	0.3 m (0.98 ft)
Distance to spot ratio	24:1
Image frequency	8.7 Hz
Focus	Fixed
Focal plane array/spectral range	Uncooled microbolometer/7.5–14 µm
Detector pitch	12 µm
Image presentation	
Display resolution	320 × 240 pixels
Screen size	2.4 in. portrait
Color palettes	Iron , Rainbow, White hot, Black hot, Arctic, Lava
Image adjustment	Automatic
Image modes	MSX® (Multi Spectral Dynamic Imaging) Visual with temperature reading
Gallery	Yes
Measurement and analysis	
Object temperature range	-25°C to 380°C (-13°F to 716°F)
Measurement accuracy	-25°C to 50°C (-13°F to 122°F): up to ±3°C (±7°F) 50 to 100°C (122 to 212°F): ±1.5°C (±3°F) or ± 1.5% whichever is greater 100°C to 380°C (212°F to 716°F): ±2.5°C (±6°F) or ± 2.5% whichever is greater
IR temperature resolution	0.1°C (0.2°F)
Repeatability of reading	±1% of reading or ±1°C (2°F), whichever is greater
Response time	150 ms
IR thermometer measurement	Continuous scanning
Minimum measurement distance	0.26 m (0.85 ft)
Type-K range	Included Type-K probe: up to 260°C (500°F)
Type-K accuracy	± (1.0% + 3°C (7°F))
Spotmeter	Center spot on/off

Set-up and service functions	
Set-up commands	Local adaptation of units, language, date, and time formats Screen brightness (high, medium, low) Gallery, deletion of images
Emissivity correction	Yes: 4 preset levels with custom adjustment of 0.1–0.99
Image storage and visual camera	
Storage capacity on 4 GB card	50,000 images
Image file format	JPEG w/ spot temp data
Digital camera resolution	2 MP (1600 × 1200 pixels)
Field of view (FOV)	71° × 56°, adapts to IR lens
Light and laser	
Flashlight	100 lumens LED, on/off option
Class 1 laser	Projects center spot and outlines circular measurement area to indicate size
Data communcation interfaces	
Bluetooth®	BLE
USB	Type-C: data transfer, power
Additional data	
Battery type	Rechargeable 3.7 V Li-ion battery
Battery operating time	5 hrs scanning
Battery charging time	4 hrs to 90%
Power management	Adjustable: off, 5 min, 15 min, 30 min
Shock/vibration	25 g (IEC 60068-2-27); 2 g (IEC 60068-2-6)
Drop	Designed for 2 m (6.56 ft)
Weight	0.394 kg (13.9 oz)
Size (L × W × H)	210 × 64 × 81 mm (8.3 × 2.5 × 3.2 in)

Package contents

Camera, wrist strap lanyard, USB cable, pouch, thermocouple, printed documentation

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

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