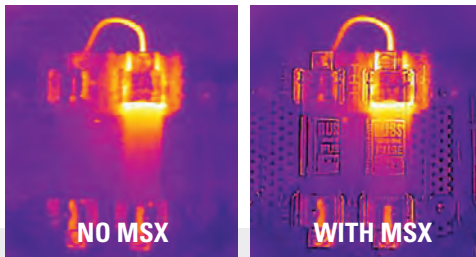




## THERMAL CAMERA

# 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.



### 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 <sup>®</sup> (Multi Spectral Dynamic Imaging)<br>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)<br>50 to 100°C (122 to 212°F): ±1.5°C (±3°F) or ± 1.5% whichever is greater<br>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<br>Screen brightness (high, medium, low)<br>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 communication interfaces

|                        |                              |
|------------------------|------------------------------|
| Bluetooth <sup>®</sup> | 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

NASDAQ: FLIR

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