



FLIR TG167

Spot Thermal Camera

The FLIR TG167 Spot Thermal Camera bridges the gap between single spot infrared thermometers and FLIR's legendary thermal cameras. Equipped with FLIR's exclusive Lepton® micro thermal sensor, the TG167 lets you see the heat so you know where to reliably measure it. Designed for indoor electrical inspection, the TG167 will help you easily find unseen hot and cold spots in electrical cabinets or switch boxes, giving you quality image detail on even small connectors and wires. Then you can store images and download data to show customers and include in reports.

See the Heat™ - Speed Electrical Troubleshooting.

FLIR's Innovative Lepton® IR Imaging Engine

- Instantly shows what's hot and where to aim
- Eliminates blind guesswork
- 24:1 spot size ratio for safer distance measuring

Grab and Go Simplicity.

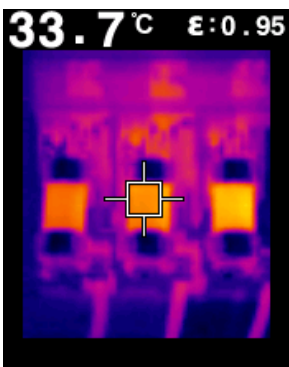
Fire It Up and Get to Work in Seconds

- Intuitive to operate with no special training required
- Easily save images and data for documentation
- Download images fast over USB or from removable micro SD

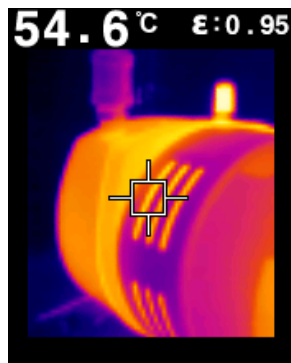
Rugged and Reliable.

Designed for the Harshest Environments

- Built to withstand a 2 meter drop
- Covered by FLIR's exclusive 2-10 warranty
- Compact and durable to easily stow in a crowded tool bag



Electrical Troubleshooting



Mechanical Overheating

Specifications

| Imaging and optical data | |
|------------------------------|--|
| IR resolution | 80 × 60 pixels |
| Thermal sensitivity/NETD | < 150 mK |
| Field of view (FOV) | 25° × 19.6° |
| Minimum focus distance | 0.1 m (4 in.) |
| Distance to spot ratio | 24:01:00 |
| Image frequency | 9 Hz |
| Focus | Focus free |
| Detector type | Focal plane array (FPA), uncooled microbolometer |
| Spectral range | 8–14 μm |
| Display | 2.0 in. TFT LCD |
| Object temperature range | –25 to +380°C (–13 to +716°F) |
| Accuracy | ±1.5% or 1.5°C (2.7°F) |
| Minimum measurement distance | 26 cm (10 in.) |
| Center spot | Yes |
| Color palettes | Hot Iron, Rainbow, Grayscale |
| Memory type | Micro SD card |
| Image storage capacity | 75 000 pictures with included 8 GB Micro SD card |
| Memory expansion | 32 GB SD card maximum |
| Saved image format | Bitmap (BMP) image with temperature and emissivity |
| Laser | Dual diverging lasers indicate the temperature measurement area, activated by pulling the trigger |
| General | |
| Battery type | Rechargeable Li ion battery |
| Battery voltage | 3.7 V |
| Battery operating time | >5 hours of continuous scanning with lasers |
| Battery charge life | 30 days minimum |
| Camera weight, incl. battery | 0.312 kg (11 oz.) |
| Camera size (L × W × H) | 186 mm × 55 mm × 94 mm (7.3 in. × 2.2 in. × 3.7 in.) |
| Tripod mounting | 1/4 in.-20 on handle bottom |
| Includes | Wrist strap lanyard, 8 GB Micro SD card, power supply with separate USB cable, printed documentation |

| Ordering Information | UPC | EAN |
|---|--------------|----------------|
| FLIR TG167 Spot Thermal Camera | 845188011505 | 07332558010815 |
| FLIR TA13 EVA Protective Case for TG165 | 793950377727 | 0793950377727 |
| FLIR TA14 Belt Holster for TG165 | 793950377741 | 0793950377741 |

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