



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# FLIR

## 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.

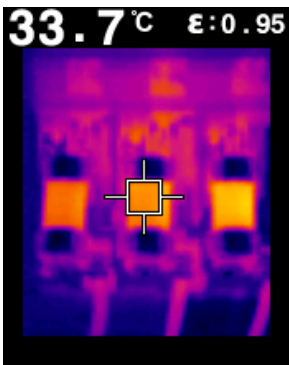
*Fire It Up and Get to Work in Seconds*

- 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

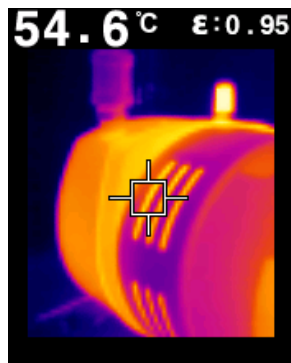
### Rugged and Reliable.

*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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