

FLIR TG165

Spot Thermal Camera



SPECIFICATIONS

IR Temperature Measurement	
Basic Accuracy	+/- 1.5% or 1.5°C
Range	-25 to 380°C, -13 to 716°F
Emissivity	4 Pre-Set Levels with Custom Adjustment, 0.1 to 0.99
Dist. to Spot Ratio (D:S)	24:1
Measurement Resolution	0.1 °C / °F
Response Time	150 Milliseconds
Spectral Response	8 to 14µm
Lasers	Dual Diverging Lasers, Frames Temp Measurement Area
Thermal Imaging	
Imaging Detector	FLIR Lepton® Microbolometer Focal Plane Array (FPA)
Shutter	Integrated Automatic Shutter
Image Resolution (H x W)	4,800 Pixels (80 x 60)
Spectral Response	8 to 14µm
Field of View (H x W)	50° x 38.6°
Upper Scene Range	127°C, 260°F (400K)
Thermal Imaging Sensitivity	150mK
Frame Rate	9 Hz
Color Palettes	2 (Grey Scale, Hot Iron)
Saved Image Format	Bitmap (BMP) Image with Temperature and Emissivity
General	
Unit Size (H x W x D)	7.3 x 2.2 x 3.7 in (186 x 55 x 94 mm)
Display Type	2.0 in TFT LCD
Display Resolution (W x H)	38,720 Pixels (176 x 220)
Battery	Rechargeable via Micro USB Lithium-ion Battery: 3.7V, 2600mAh
Auto Power Off	Yes, Adjustable with Disable
Battery Life Hours	Typical Use: Five 8-Hr Work Days; Continuous Use: 8 Hrs
Certifications	CE / CB / FCC / FDA
Memory	8Gb Micro SD Card
Operating Temperature	-10 to 45°C, 14 to 113°F
Drop Test	Designed for 2 Meter, 6.5 Feet
Tripod Mount	1/4 in - 20 on Handle Bottom
Warranty	2 Years Product, and 10 Years Thermal Imaging Detector when registered within 60 days of purchase.
Includes	Lanyard, USB Cable, International Charger (US, UK, EU, AU, CN) 8 Gb Micro SD Card, Technical Documentation

ORDERING INFORMATION

TG165	Imaging IR Thermometer
TA13	EVA Protective Case for TG165
TA14	Belt Holster for TG165

BELGIUM

FLIR Systems
Luxemburgstraat 2
2321 Meer
Belgium
PH: +32 (0) 3665 5100

BRAZIL

FLIR Systems Brasil
Av. Antonio Bardella, 320
Sorocaba, SP 18052-852
Brasil
PH: +55 15 3238 7080

HONG KONG

Asia Pacific Headquarters
FLIR Systems Co. Ltd.
Room 1613 -16, Tower 2,
Grand Central Plaza,
No. 138 Shatin Rural Committee Rd,
Shatin, New Territories, Hong Kong
Tel: +852 2792 8955

CHINA - SHANGHAI

FLIR Systems Co., Ltd.
K301-302, No. 26 Lane 168
Daduhe Road, Putuo District
Shanghai, 200062, P.R. China
PH: +86-21-5169 8628

KOREA

FLIR Systems Korea Co., Ltd
6th Floor, GuGu Building,
145-18, Samsung-Dong,
Kangnam-Gu, Seoul, Korea 135-090
Tel: +82-2-565-2714-7

JAPAN

FLIR Systems Japan K.K.
Meguro Tokyu Bldg. 5F,
2-13-17 Kami-Osaki,
Shinagawa-ku, Tokyo, 141-0021,
Japan
Tel: +81-3-6271-8648

AUSTRALIA

FLIR Systems Australia Pty Ltd
10 Business Park Drive
Notting Hill Vic 3168,
Australia
Tel: 1300 729 987
(NZ: 0800 785 492)

INDIA

FLIR Systems India Pvt Ltd,
1111, D-Mall, Netaji Subhash Place,
Pitampura, New Delhi - 110034,
INDIA
Tel: +91-11-4560 3555

PORTLAND

Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

NASHUA

FLIR Systems, Inc.
9 Townsend West
Nashua, NH 02063
USA
PH: +1 866.477.3687

www.flir.com
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