



FLIR T365

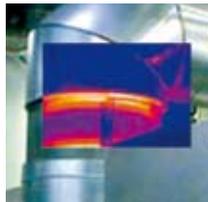
Infrared Camera with Thermal Fusion,
Delta T and Interchangeable Lens

FLIR T365 is a feature-rich camera for the professional thermographer conducting electrical and mechanical inspections. T365 includes many useful features such as Picture in Picture, Zoom, Thermal Fusion, Instant Reports and much more.

- 50 mK thermal sensitivity
- IR resolution 320 x 240 pixels
- Digital camera, 3.1 Mp with LED lights
- 4x digital zoom
- Delta T - Differential temperature
- Instant Reports
- Sketch & Markers
- MeterLink™



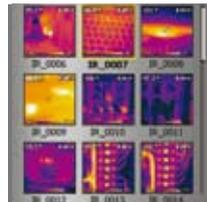
Multifunction 3.5" Touch Screen



Picture in Picture (PiP)



120° lens rotation



Thumbnail Image Gallery



FLIR T365 Features

- **High Resolution IR Images** — 320 x 240 pixels infrared resolution, NETD 50 mK
- **Digital Camera** — 3.1 Megapixels with built-in LED lights provides sharp images regardless of lighting conditions
- **Temperature Range** — Measures from -20 °C to +650 °C targeting electrical and industrial applications
- **Zoom** — 4x continuous digital zoom for capturing small details
- **Picture in Picture (PiP)** — Displays resizable IR image super-imposed over a digital image
- **Thermal Fusion** — Merging visual and infrared images, allows for easier identification and interpretation of infrared images
- **Laser Pointer** — Pinpoints the hot spot on the IR image with the real physical target
- **Annotations** — Add text/voice/sketch comments and image markers via touch screen or headset
- **± 2% Accuracy** — Reliable temperature measurement
- **Thumbnail Image Gallery** — Allows quick search of stored images
- **MeterLink™** — Wirelessly transmit data from clamp or moisture meter to your infrared camera
- **Delta Temperature** — Automatic calculation of temperature difference between two measurement tools
- **Instant Reports** — Create instant report directly in camera, easily copy report to USB
- **Copy to USB** — Upload images and measurement findings to USB stick
- **IR Window Auto-Correction** — Automatic sensitivity adjustment when inspecting high voltage through safety IR windows
- **Li-Ion Rechargeable Battery** — Replaceable battery lasts > 4 hours of continuous use
- **Interchangeable Optics** — Standard 25° lens and optional 6°, 15°, 45°, 90° and close up lenses
- **Standard SD Card** — Stores more than 1000 radiometric JPEG images
- **Includes** — SD Memory Card, Li-Ion rechargeable battery with 100-260V AC adaptor/charger, 2-bay battery charger, QuickReport software, USB Mini-B cable, video cable, sun shield, calibration certificate, stylus pen & headset, camera lens cap, and transport case



What is MeterLink™?

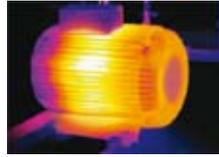
MeterLink displays and documents readings from your Extech moisture- or clamp meter directly on your infrared image using Bluetooth wireless connection.

MeterLink, a FLIR industry-first technology, will: greatly improve your diagnostics, save time annotating readings, eliminate data errors, and add more customer value to your reports.

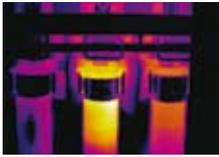
Applications



Motor: Bearing Problem



Motor: Internal Winding Problem



Electrical: Hot Fuses



Building: Heat Loss



FLIR T365 Specifications

Imaging and optical data	
Field of view (FOV)	25° × 19° / 0.4 m
Thermal sensitivity/NETD	< 0.05°C @ +30°C (+86°F) / 50 mK
Image frequency	9 Hz, or 30 Hz (export license required)
Focus	Manual/Automatic
Zoom	1–4× continuous, digital zoom, including panning
Spectral range	7.5–13 μm
IR resolution	320 × 240 pixels
Image presentation	
Display	Built-in touch screen, 3.5" color LCD
Image modes	IR image, visual image, thermal fusion, picture in picture, thumbnail gallery
Thermal fusion	IR image shown within temp interval on visual image
Picture in Picture	Resizable and movable IR area on visual image
Measurement	
Object temperature range	–20°C to +120°C - 0°C to +350°C +200°C to +650°C High Temperature option to +1200°C
Accuracy	±2°C or ±2% of reading
Measurement analysis	
Spotmeter	5
Area	5 boxes with max./min./average
Isotherm	Detect high/low temperature/interval
Difference temperature	Delta temperature between measurement functions or reference temperature
Measurement function alarm	Audible/visual alarm (above/below) on spotmeter, box or difference temperature
Screening	Difference temperature alarm, audible
Set-up	
Color palettes	BW, BW inv, Iron, Rain
Storage of images	
Image storage	Standard JPEG, including measurement data, on memory card
Image storage mode	IR/visual images; simultaneous storage of IR and visual images
Video recording and streaming	
Radiometric IR-video streaming	Full dynamic to PC using USB
Non-radiometric IR-video streaming	MPEG-4 to PC using USB
Image annotations	
Voice	60 seconds
Text	Text from predefined list or soft keyboard on touch screen
Image marker	4 on IR or visual image
Sketch	From touch screen
MeterLink	Connect Extech Clamp Meter EX845/Moisture Meter M0297 via Bluetooth®
Digital camera	
Built-in digital camera	3.1 Mpixel (2048 × 1536 pixels), and LED lights
Physical data	
Camera weight, incl. battery	0.88 kg
Camera size (L × W × H)	106 × 201 × 125 mm

Specifications and prices subject to change without notice.
Copyright © 2010 FLIR Systems. All right reserved including the right of reproduction in whole or in part in any form.

FLIR Systems Co Ltd.
Headquarters Asia Pacific
Room 1613 – 15, Tower 2,
Grand Central Plaza,
138 Shatin Rural Committee Road,
N.T, Hong Kong
Tel: +852 2792 8955
Fax: +852 2792 8952
Email: flir@flir.com.hk

FLIR Systems (Shanghai) Co., Ltd
Head Office China
Tel: +86 21 5169 7628
Email: info@flir.cn

FLIR Systems Japan KK
Tel: +81 3 6277 5681
Email: info@flir.jp

FLIR Systems Australia Pty Ltd
Head office Australia
Tel: +61 3 9550 2800
Email: info@flir.com.au

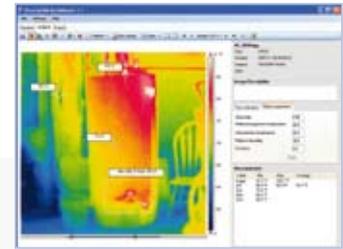
FLIR Systems Korea Co., Ltd
Tel: +82 2 541 1834
Email: flir@flirkorea.com

FLIR Systems Taiwan
Representative Office
Tel: +886 2 2757 9662
Email: flir@flir.com.hk

FLIR Systems India Pvt Limited
C/o Swedish Trade Council
Tel: +91-11-46067100
Email: flir@flir.com.hk



www.flir.com/thg



Optional Software

- **FLIR Reporter™**
A powerful yet easy-to-use tool to generate comprehensive and professional infrared inspection reports.
- **FLIR QuickPlot™ and ResearchIR**
A software designs for entry to mid-level R&D application that helps to visualize thermal patterns

Accessories

- Pouch
- Extra battery
- Battery charger
- Car charger
- Selection of lenses



Training

FLIR cooperates with Infrared Training Centre, an independent, ISO certified, worldwide training facility. ITC offers infrared training, certifications accepted by many standardization organizations, and specialized instruction in various application areas. For more info visit www.infraredtraining.com