◆FLIR®

FLIR T200

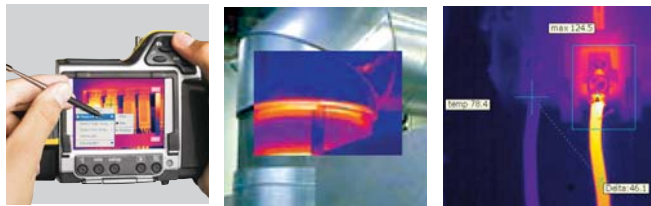# T-Series InfraRed Camera (240 x 180 IR Resolution)

With on board Visual Camera, Picture-in-Picture Fusion, Touch Screen LCD & Interchangeable Lens

- *0.08°C @ 30°C Thermal Sensitivity*
- *Bright Video Lamp*
- *Annotate Images with Voice*
- *Picture-in-Picture Fusion*

- *3.5" Touch-Screen LCD Display*
- *Convenient 120° rotating lens*
- *2X Continuous Zoom*
- *Delta T - Differential Temperature*

Multifunction Touch Screen   Picture-in-Picture (PIP) Fusion   Differential Temperature
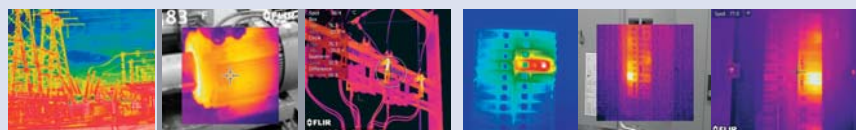
FLIR T200 Features

- **High Resolution IR Images** — 43,200 pixels (240 x 180) Infrared resolution
- **Visible Light Digital Camera** — 3.1MP resolution with flash provides sharp images regardless of lighting conditions
- **2X Continuous Zoom** — Zoom with auto/manual focus
- **Rotating Lens** — Rotating lens detents up to 120° for easy viewing angle
- **Scalable Picture in Picture (PIP) Fusion** — Displays thermal image super-imposed over a digital image
- **Video Lamp** — Allows the visual camera and fusion to be used in poorly lit environments
- **Temperature Range** — From –4 to 662°F (–20 to 350°C) targeting electrical and industrial applications; Optional 2192°F/1200°C temperature available
- **± 2% Accuracy** — reliable temperature measurement
- **Thumbnail Image Gallery** — Allows quick search of stored images
- **Li-Ion Rechargable Battery** — lasts >4hrs continuous use; replaceable
- **Copy to USB** — Easy upload of a single image or a folder from the camera to a USB memory stick

- **Laser LocatIR™ Pointer** — Pinpoints a reference spot with a laser and aligns a marker to it on the image
- **IR Window Correction** — Menu settings allow you to account for transmission loss through IR windows
- **Voice Comment Recording** — on images & can be integrated onto report
- **Wireless Communication** — Bluetooth® Transmitter with METERLiNK™

- **Includes** — SD Memory Card (stores >1000 Radiometric JPEG images), two rechargeable batteries, 2-bay battery charger, QuickReport software, USB Mini-B cable, Bluetooth® USB micro adapter, sun shield, stylus pen, camera lens cap, and hard transport case
- **Interchangeable Optics** — Optional 6°, 15°, 45°, 90°, Close up: 100, 50, 25μm, easily attach to the camera

CE   IP54 Splashproof Dustproof   2 WARRANTY   METER LiNK ® Bluetooth®

Warranty extended to 2 years when the camera is registered

Applications

Utility Market — Utilities worldwide use infrared cameras to locate problems or to detect hot spots and other problems before they turn into costly failures and production downtime or dangerous electrical fires.
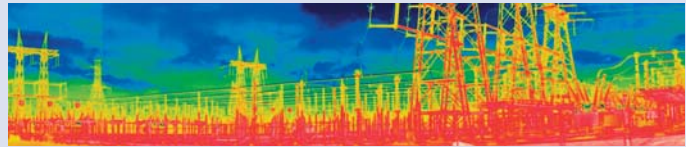
Electrical Inspections — With FLIR thermal imaging cameras electrical contractors can scan electrical cabinets/panels and components for a non-contact view of conditions.

Software Packages

QuickReport™ PC software enables users to Organize, Analyze and Create Reports with FLIR Cameras.

FLIR BuildIR Software package specifically designed to carry out advanced analysis of building structures. It is used to analyze images taken with an infrared camera, and create inspection reports based on these images.

FLIR Reporter Ver. 8.5 is a powerful software for creating compelling and professional, fully customized, easy-to-interpret reports in a standard MS Word Document. You can create a report by simply Dragging and Dropping your images on a desktop icon or using the Wizards to guide you step-by-step through the process. The saved document is a 'live' report with full access to the analysis tools and temperature measurement data. The reports can be multi-page and include all of your IR inspection data -infrared and visual images, temperature measurements, voice comments and text notes.

Panorama Function

This unique function allows you to conveniently piece together normal sized images to create one large image for a wide angle view of the area being measured by using FLIR BuildIR or Reporter Software package

METER LiNK
Bluetooth®

METERLiNK frees the Thermographer from the manual process of collecting field data

Infrared cameras quickly locate problems with electrical equipment

Collecting current measurements and associating them with the right component identified on an infrared image, can be a complicated and cumbersome process

Manual data collection results in unnecessary complexity and risk. METERLiNK eliminates this problem by allowing the thermographer to quickly take a current reading on an electrical target and associate those readings with the corresponding targets stored in an infrared image

ThermaTrak
Powered by GadgetTrak®

FLIR ThermaTrak™
If your IR camera is lost or stolen, ThermaTrak can help you track where it is.

FLIR T200 Specifications

Features	
Temperature range	-4°F to 662°F (-20°C to 350°C); Optional Higher Temperature available
Image Storage	1000 radiometric JPEG images (SD card memory)

Imaging Performance / Image Presentation	
Frame Rate	9Hz
Field of view/min focus distance	25° x 19°/1.31ft (0.4m)
Focus	Manual/Automatic
Thermal sensitivity (N.E.T.D)	<0.08°C at 30°C
Detector Type - Focal plane array (FPA) uncooled microbolometer	240 x 180 pixels
Spectral range	7.5 to 13µm
Display	Built-in touch-screen 3.5" color LCD
Image modes	Thermal/Visual/Picture-in-Picture Fusion
Image annotation	Voice (60 sec)
Lens	25° (optional 6°, 15°, 45°, 90°, Close up 100, 50, 25µm lenses available)
Video Lamp	Bright LED lamp
Laser Classification/Type	Class 2/Semiconductor AlGaInP Diode Laser: 1mW/635nm (red)
Set-up controls	Mode selector, color palettes, configure info to be shown in image, local adaptation of units, language, date and time formats, and image gallery
Measurement modes	5 Spotmeters, 5 Box areas, Isotherm, Auto hot/cold spot, Delta T
Measurement correction	Reflected ambient temperature & emissivity correction
Battery Type/operating time	Li-Ion/ >4 hours, Display shows battery status
Charging system	In camera AC adapter/2 bay charging system
Shock	25G, IEC 68-2-29
Vibration	2G, IEC 68-2-6
Dimensions/Weight	4.2x7.9x4.9" (106x201x125mm)/1.94lbs (0.88kg), including battery
Warranty	2 years (Warranty extended to 2 years when the camera is registered)

Ordering Information

Part Number	
45606-0201	FLIR T200 Thermal Imaging InfraRed Camera (240x180)

ACCESSORIES*
1196398	Li-Ion Rechargeable Battery
1910399	AC Adapter Charger (110-240V, U.S. Plug)
1910490	Cigarette Lighter Adapter Kit, 12VDC (1.2m cable)
T197650	2-Bay Battery Charger including Power Supply (multi plugs)
1124545	Camera Pouch Case
T197000	High Temperature Option 2192°F/1200°C
T197613	BuildIR Software package
T197717	FLIR Reporter Ver. 8.5 Professional
4114887	FLIR ThermaTrak™

CERTIFICATION TRAINING
ITC LEVEL I	ITC Level I Certification Training per attendee

*Optional Camera Lenses available. Please refer to the Camera Lens Datasheet

EXTECH®
INSTRUMENTS
A FLIR COMPANY