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 Rechargeable 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

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.
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
- 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)

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-lon/ >4 hours, Display shows battery status

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)
- T124545 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 FLIR T200 Thermal Imaging InfraRed Camera (240x180)

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

FLIR T200 Specifications

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.