T-Series Infrared Camera (640 x 480 IR Resolution)
With onboard Visual Camera, Fusion, Touch Screen LCD & Interchangeable Lens

- 0.05°C @ 30°C Thermal Sensitivity
- Bright Video Lamp
- Annotate Images with Voice, Text and Sketch
- Thermal Fusion & Picture-in-Picture

- 4.3" Touch-Screen LCD Display
- Convenient 120° rotating lens
- 4X Continuous Zoom
- Delta T - Differential Temperature
- Instant Report

FLIR T620 Features

- High Resolution IR Images — 307,200 pixels (640 x 480) Infrared resolution
- Visible Light Digital Camera — 5MP resolution with LED lamp provides sharp images regardless of lighting conditions
- 4X Continuous Zoom — Zoom with auto/manual focus
- Rotating Lens — Rotating lens detents up to 120° for easy viewing angle
- Scalable Thermal Fusion — Blending of thermal and digital images
- Scalable Picture in Picture (PIP) — Displays thermal image super-imposed over a digital image
- Video Lamp — Allows the visual camera and fusion to be used in poorly lit environments
- High Temperature Range — measuring up to 1202°F (650°C) targeting electrical and industrial applications
- ± 2% Accuracy — reliable temperature measurement
- Thumbnail Image Gallery — Allows quick search of stored images
- Li-Ion Rechargeable Battery — lasts >4hrs continuous use, replaceable

- Laser LocateIR™ 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™
- Instant Report — Create a Thermographic Inspection report directly in the camera
- Digital Video — Records video to the memory card
- Video Streaming — MPEG4 streaming video over Wi-Fi
- Wi-Fi Connectivity — Sends images and data to mobile devices (ie iPhone® or iPad®) to share reports and critical information quickly
- Programmable Button — Program shortcuts to your favorite functions so that you’re always just one click away
- Includes — SD Memory Card (stores >1000 Radiometric JPEG images), AC adaptor/charger, two Li-Ion rechargeable batteries, 2-bay battery charger, USB and HDMI cables, FLIR Tools software CD-ROM, Bluetooth® headset, hand strap, neck strap, camera lens cap, tripod adapter, and hard transport case
- Interchangeable Optics — Optional 15° Telephoto, 45° Wide Angle

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.

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FLIR T620

Warranty extended to 2 years when the camera is registered
**Features**

- **Temperature range**: -4°F to 1202°F (-20°C to 650°C)
- **Image Storage**: 1000 radiometric JPEG images (SD card memory)

**Imaging Performance / Image Presentation**

- **Frame Rate**: 30Hz
- **Field of view/min focus distance**: 25° x 19°/9.8" (0.25m)
- **Focus**: Manual/Automatic
- **Thermal sensitivity (N.E.T.D)**: <0.05°C at 30°C
- **Detector Type** - Focal plane array (FPA) uncooled microbolometer
- **Spectral range**: 7.8 to 14μm
- **Display**: Built-in touch-screen 4.3" color LCD
- **Image modes**: Thermal/Visual/Picture in Picture/Fusion
- **Image annotation**: Voice (60 sec); text comments, Sketch
- **Lens**: 25° (optional 15° Telephoto, 45° Wide Angle 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**: 10 Spotmeters, 5 Box areas, Isotherm, Auto hot/cold spot, Delta T
- **Measurement correction**: Reflected ambient temperature & emissivity correction
- **Battery Type/operating time**: Li-Ion/ >3 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**: 5.6x7.7x3.7" (143x195x95mm)/2.87lbs (1.3kg), including battery
- **Warranty**: 2 years (Warranty extended to 2 years when the camera is registered)

**Ordering Information**

- **Part Number**
  - 55901-0102..........................FLIR T620 Thermal Imaging InfraRed Camera (640x480) with WiFi

**ACCESSORIES**

- T198055..........................Rechargeable Battery
- T198126..........................Battery Charger including Power Supply
- T910814..........................AC Adapter Charger (110-240V, inclde multiple plugs)
- 1910490..........................Cigarette Lighter Adapter Kit, 12VDC (1.2m/3.9ft cable)
- T197914..........................15° Telephoto Lens
- T197915..........................45° Wide Angle Lens
- T197708..........................BuildIR Software package
- T197717..........................FLIR Reporter 8.5 Software, Professional

**CERTIFICATION TRAINING**

- 3300149..........................ITC Level I Certification Training per attendee