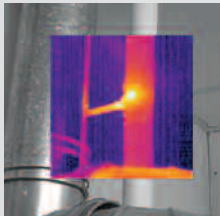


Thermal Imaging InfraRed Camera

High Resolution Visible Light Camera with Fusion (PIP)



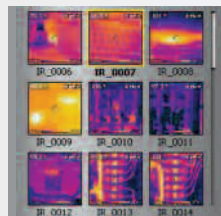
Fusion - Picture in Picture



Built-in Laser Pointer



Built-in Illuminator Lights

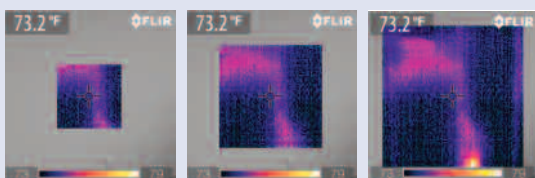


Thumbnail Image Gallery



FLIR i60 Features

- *Latest Infrared Detector Technology*
- *Fusion Picture in Picture (PIP)*
- *Bright LED Lamps for Quality Visible Images*
- *Thermal Sensitivity of <math><0.1^{\circ}\text{C}</math> @ 25°C*
- **Visible Light Digital Camera** — 2.3MP resolution with LED lamps provides sharp images regardless of lighting conditions
- **Infrared Thermal Resolution** — High resolution of 32,400 pixels (180 x 180)
- **Scalable Fusion Picture in Picture (PIP)** — Displays thermal image super-imposed over a digital image and is scalable to resize the thermal image
- **Auto Hot/Cold Spot Marker** — Shows a spot within the area that automatically finds the hottest or coldest spot within the box
- **0.1°C Thermal Sensitivity** — Provides the resolution needed to find problems faster and easier
- **Wide Temperature Range** — Measures from -4 to 662°F (-20 to 350°C) targeting electrical and industrial applications
- **Thumbnail Image Gallery** — Allows quick search of stored images
- *Lightweight — Weighs only 1.3lbs*
- *Easy One-handed Operation*
- *3.5" LCD with Razor Sharp Resolution*
- *Convenient Thumbnail Image Gallery*
- **Laser LocatIR™ Pointer** — Pinpoints the hot spot on the IR image with the real physical target
- **Laser Marker** — Marks the point on the IR displayed image as to where the Laser pointer is targeting
- **Radiometric JPEG Images** — Patented technology used to save images in standard JPEG format for easy e-mailing and analysis using QuickReport™ PC Software (included)
- **1GB microSD Card** — Stores more than 1000 Radiometric JPEG images
- **Li-Ion Rechargeable Battery** — Replaceable battery lasts for 5hrs of continuous use
- **Area (Min/Max) Mode** — Spot marker shows the Minimum or the Maximum Temperature reading within the selected area
- **Includes** — 1GB micro SD Card, miniSD adaptor, Li-Ion rechargeable battery, power supply, QuickReport™ software, USB cable, lens cap, hand strap, and heavy duty case



Scalable Picture-in-Picture Fusion

Allows for easier identification and interpretation of infrared images. This advanced technology enhances the value of an infrared image by allowing you to overlay it directly over the corresponding visible image. This functionality combines the benefits of both the infrared image and visual picture at the push of a button. The scalability feature permits you to resize the thermal image as needed on a large 3.5" color display.

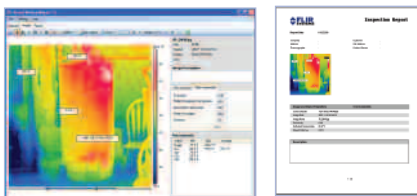


Easy-to-Use

One-handed operation simple Thumb-Press combo button is unsurpassed for quick and easy menu access and feature selection.



The Difference is Training
 Get the most out of your FLIR IR camera investment with world-class instruction through the Infrared Training Center (ITC), the largest infrared applications training organization in the world. The ITC's Level 1 Infrared Thermography Training Course is geared to the new infrared camera user and focuses on its use for a variety of condition monitoring/predictive maintenance applications. Level 2 and Level 3 certificate courses for more advanced infrared training are also available. Courses are taught by certified instructors with extensive experience in a wide variety of infrared thermography and thermal imaging applications. ITC certifications are recognized by major professional organizations.



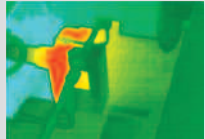
QuickReport™ PC software enables user to analyze Temperature of all thermal pixels of any FLIR Camera JPEG images



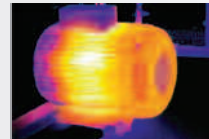
Tel: 1.800.464.6372
 CANADA: 1.800.613.0507
 www.goinfrared.com

Specifications and prices subject to change without notice. Rev. 9/02/08-R1

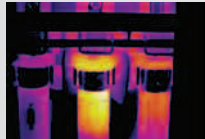
Applications



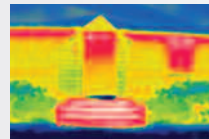
Motor: Bearing Problem



Motor: Internal Winding Problem



Electrical: Hot Fuses



Building: Heat Loss



FLIR i60 Specifications

| Features | |
|---|---|
| Temperature range | -4°F to 662°F (-20°C to 350°C) |
| Temperature accuracy | ±2°C or ±2% of reading |
| Image Storage (1GB micro SD card) | 1000 Images |
| Emissivity Table | 0.1 to 1.0 (adjustable) |
| Imaging Performance / Image Presentation | |
| Field of view/min focus distance | 25° X 25°/0.10m (3.9") |
| Thermal sensitivity (N.E.T.D) | <0.1°C at 25°C |
| Detector Type - Focal plane array (FPA) uncooled microbolometer | 32,400 pixels (180 x 180) |
| Spectral range | 7.5 to 13µm |
| Display | 3.5" color LCD |
| Video output | MPEG-4 via USB |
| Image Modes | Thermal, Visual, Fusion |
| Fusion Picture in Picture (PIP) | Scalable |
| Visible Light Camera Resolution | 2.3 Megapixels |
| Laser / Classification | Yes / Class 2 |
| Laser Type | Semiconductor AlGaInP; Diode Laser: 1mW/635nm |
| Laser Marker Function | On Infrared image |
| Spot (center) Measurement mode | Yes |
| Auto Hot/Cold Spot Marker | Yes |
| Area (min/max) Measurement mode | Yes |
| Image Controls | Palettes (Iron, Rainbow, and Black/White), level, span, auto adjust (continuous/manual) |
| Focus | Manual |
| Set-up controls | Date/time, info, LCD intensity, power down, and 21 languages |
| Battery Type/operating time | Li-Ion/ 5 hours, Display shows battery status |
| Dimensions/Weight | 9.3x3.2x6.9" (235x81x175mm)/<1.32lbs (600g), including battery |

Ordering Information

| Part Number | Product Description | Price |
|-------------------------------|---|-------|
| FLIR i60 | Thermal Imaging InfraRed Camera with Laser and scalable PIP | |
| ACCESSORIES | | |
| 1196398 | Li-Ion Rechargeable Battery | |
| 1910399 | AC Adapter Charger (110-240V, U.S. Plug) | |
| 1910490 | Cigarette Lighter Adapter Kit, 12VDC (1.2m cable) | |
| 1196474 | 2-Bay Battery Charger including Power Supply (U.S. plug) | |
| 1122000 | Camera Pouch Case | |
| CERTIFICATION TRAINING | | |
| 3300149 | ITC Level 1 Certification Training per attendee | |

