



FLIR i7

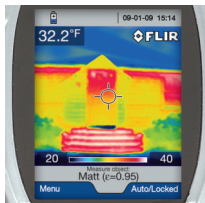
Compact InfraRed Camera

Easy-to-Use Troubleshooting Tool - Weighs only 12oz

- Compact sized, Lightweight – 12oz
- Thermal Sensitivity of $<0.1^{\circ}\text{C}$ @ 25°C
- Easy-to-Use Focus Free Lens
- Stores up to 5000 JPEG Images
- 2.8" LCD Color Display
- Long Battery Life Lasts >5 Hours
- Convenient Thumbnail Image Gallery



Pocket Sized



Large 2.8" Display



Includes Memory Card

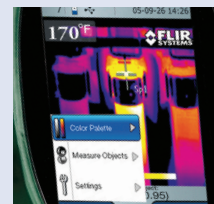


Includes PC software



FLIR i7 Features

- **High Resolution IR Images** — 14,400 pixels (120 x 120) Infrared resolution
- **Optimized Temperature Range** — From -4 to 482°F (-20 to 250°C) targeting electrical, industrial, and building applications
- **$\pm 2\%$ Accuracy** — reliable temperature measurement with thermal sensitivity of 0.1°C helps you find problems faster and easier — critical for condition monitoring of thermally sensitive targets
- **Extremely lightweight** — Resulting in less user fatigue (12 ounces)
- **Easy-to-use** — Pocket sized and fully automatic design makes it incredibly easy-to-use even for first time users — perfect for general purpose use
- **Focus free lens** — For convenient viewing
- **High Resolution LCD** — 2.8" (71mm) color LCD
- **Double Molded Design** — Rugged design with easy grip handle construction meets IP43 dust/ splashproof standards
- **Measurement Modes** — Spot (center), Area (Min/Max), and Isotherm (above/below) display measurement modes
- **Thumbnail Image Gallery** — Allows quick search of stored images
- **Li-Ion Rechargeable Battery** — lasts >5 hrs continuous use; replaceable
- **Large Memory Storage** — MicroSD card stores up to 5000 Radiometric JPEG format images. Each image can be analyzed using the included QuickReport™ PC Software
- **Includes** — 512MB microSD Card, miniSD™ adaptor, Li-Ion rechargeable battery with 100-240V AC adaptor /charger with EU, UK, US and Australian plugs, QuickReport™ software with USB Mini-B cable, built-in manual lens shutter, hand strap, and hard case



Thermal Imaging Just Got Easier!

The FLIR i7 thermal imaging infrared camera is an entry-level model that offers 120 x 120 (14,400) pixels of infrared resolution with 2% accuracy and 0.1°C thermal sensitivity - a robust combination of capabilities to quickly detect electrical, mechanical, HVAC and energy-audit-related problems. One-handed operation is unsurpassed for quick and easy menu access and feature selection. It comes complete in a hard carrying transport case.



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.

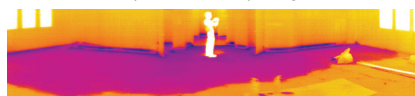
Software Packages

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

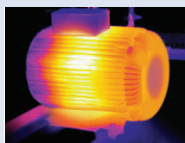
FLIR BuildIR Software package specifically designed to carry out advanced analysis of building structures. It is used to analyze images taken with an infrared camera, and create inspection reports based on these images.

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.

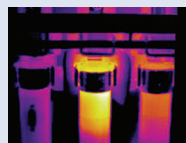
Panorama Function allows you to conveniently piece together normal sized images to create one large image for a wide angle view of the area being measured by using FLIR BuildIR or Reporter Software package



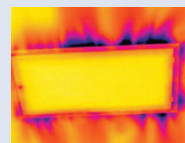
Applications



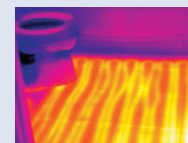
Motor - Internal Winding Problem



Electrical - Hot Fuses



HVAC - Energy Loss



Building Inspection - Radiant Floor

FLIR i7 Specifications

Features	
Temperature range	-4°F to 482°F (-20°C to 250°C)
Image Storage	5000 Images (microSD card memory)
Emissivity	Emissivity Table; 0.1 to 1.0 adjustable
Imaging Performance / Image Presentation	
Frame Rate	9Hz
Field of view/min focus distance	25° x 25°/0.6m (2 ft.)
Focus	Focus free
Thermal sensitivity (N.E.T.D)	<0.1°C at 25°C
Detector Type - Focal plane array (FPA) uncooled microbolometer	120 x 120 pixels
Spectral range	7.5 to 13µm
Display	Built-in 2.8" color LCD
Image modes	Thermal - Palettes (Iron, Rainbow, and Black/White)
Set-up controls	Date/time, °C/°F, 21 languages
Measurement modes	Spot (with correction for emissivity and reflected temperature), Area (Max/Min), Isotherm (above/below selected temperature interval)
Battery Type/operating time	Li-Ion/ >5 hours, Display shows battery status
Charging system	In camera, AC adapter; 3 hours to 90% capacity
Shock	25G, IEC 68-2-29
Vibration	2G, IEC 68-2-6
Dimensions/Weight	8.8x3.1x3.3" (223x79x83mm)/<12oz. (340g), including battery
Warranty	2 years

Ordering Information

Part Number	
39301-0305	FLIR i7 Compact Thermal Imaging InfraRed Camera (120x120)
ACCESSORIES	
1950986	Li-Ion Rechargeable Battery
T910711	Power Supply Charger (100-240VAC, 5VDC, 6W)
T126024	Camera Pouch Case
T197613	BuildIR Software package
T197717	FLIR Reporter Ver. 8.5 Professional
CERTIFICATION TRAINING	
3300149	ITC Level I Certification Training per attendee
T-BSC	Certification in Infrared Building Science per attendee (3.5 Day Class)
ITC-RESNRG-2	Thermal Imaging for Residential Energy Audits Training per attendee (2 Day Class)
ITC-RESNRG-4	Thermal Imaging for Residential Energy Audits Certification per attendee (4 Day Class)

Tel: 1.800.464.6372 | Canada: 1.800.613.0507 | www.flir.com/thermography

Specifications and prices subject to change without notice. Rev. 02/12/10-R1
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