

Compact InfraRed Cameras

Easy-to-Use Troubleshooting Tool - Weighs only 13oz

- Compact sized, Lightweight 13oz
- Thermal Sensitivity <0.1°C @ 25°C
- Easy-to-Use Focus Free Lens
- Stores up to 5000 JPEG Images
- 2.8" LCD Color Display
- Long Battery Life Lasts >4 Hours
- Convenient Thumbnail Image Gallery
- Area Min/Max Spot Marker







Pocket Sized

Large 2.8" Display

Includes Memory Card

Features

- IR Image Resolution -
 - FLIR i3 3,600 pixels (60 x 60)
- FLIR i5 10,000 pixels (100 x 100)
- FLIR i7 19,600 pixels (140 x 140)
- Thermal Sensitivity FLIR i3 <0.15°C @25°C

sensitive targets

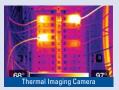
- FLIR i5/FLIR i7 <0.10°C @25°C
- Optimized Temperature Range From –4 to 482°F (–20 to 250°C) for electrical, industrial and building applications
- ± 2% or 2°CAccuracy reliable temperature measurement with thermal sensitivity of 0.1°C helps you find problems faster and easier — critical for condition monitoring of thermally
- Extremely lightweight Resulting in less user fatigue (13 ounces)
- Easy-to-use Pocket sized and fully automatic design makes it incredibly easyto-use even for first time users — perfect for general purpose use
- Focus free lens For convenient viewing
- High Resolution Color LCD 2.8" (71mm)
- Double Molded Design Rugged design with easy grip handle construction meets IP43 dust/ splashproof standards
- Measurement Modes —
 All models Spot (center);
 FLIR i7 only Area (Min/Max)

- Thumbnail Image Gallery Allows quick search of stored images
- Li-lon Rechargable Battery lasts >4hrs continuous use; replaceable
- Large Memory Storage MicroSD card stores up to 5000 Radiometric JPEG format images
- Includes 2G microSD Card with adaptors, Li-Ion rechargeable battery with 100-240V AC adaptor /charger with EU, UK, US and Australian plugs, USB Mini-B cable, QuickReport™ PC software, built-in manual lens shutter, hand strap, and hard case









Why Thermal Imaging?

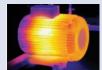
While spot IR thermometers present only a single temperature at a single spot, these Thermal Imaging Cameras give you the whole picture, equal up to 19,600 spots (FLIR i7)! Thermal imaging is the most effective method for finding problems or potential problems in a variety of applications across many fields. If you are new to Thermography and need a general purpose Thermal Imaging Camera for troubleshooting, the FLIR i3, FLIR i5 or FLIR i7 is perfect for you! They are fully loaded with Thermal Imaging functions at a fraction of the price of a Professional grade camera. They come complete in a hard carrying transport case.



The Difference is Training

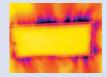
Get the most out of your FLIR IR camera investment with worldclass instruction through the Infrared Training Center (ITC), the largest infrared applications training organization in the world. The ITC's Level 1 Infrared Thermography Training Course is geared to the new infrared camera user and focuses 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.

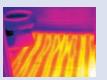
Applications



Motor - Internal Winding







HVAC - Energy Loss

Building Inspection -Radiant Floor

Specifications

Features	FLIR i3	FLIR i5	FLIR i7
Thermal sensitivity (N.E.T.D)	<0.15°C at 25°C	<0.1°C at 25°C	<0.1°C at 25°C
Field of view/min focus distance	12.5° x 12.5°/0.6m (2 ft.)	21° x 21°/0.6m (2 ft.)	29° x 29°/0.6m (2 ft.)
Detector Type - Focal plane array (FPA) uncooled microbolometer	60 x 60 pixels	100 x 100 pixels	140 x 140 pixels
Measurement modes	Spot	Spot	Spot, Area (Max/Min)
Isotherm	_	_	Above/Below

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	
rame Rate	9Hz	
Focus	Focus free	
Spectral range	7.5 to 13µm	
Display	Built-in 2.8" color LCD	
mage modes	Thermal - Palettes (Iron, Rainbow, and Black/White)	
Set-up controls	Date/time, °C/°F, 21 languages	
Sattery Type/operating time	Li-lon/ >4 hours, Display shows battery status	
Charging system	In camera, AC adapter; 3 hours to 90% capacity	
Shock	25G, IEC 68-2-29	
/ibration	2G, IEC 68-2-6	
imensions/Weight	8.8x3.1x3.4" (223x79x85mm)/<12.9oz. (365g), including battery	
Warranty	2/5/10 (Camera-2 years, Battery-5 years, Detector-10 years)	











Find Hot Spots Fast! Easy to Navigate Menu Includes Hard Case

10-Year Detector Protection 5-Year Battery 2-Year Parts & Labor

Ordering Information

Part Number	
60101-0101	FLIR i3 Compact Thermal Imaging InfraRed Camera (60x60)
60101-0201	FLIR i5 Compact Thermal Imaging InfraRed Camera (100x100)
60101-0301	.FLIR i7 Compact Thermal Imaging InfraRed Camera (140x140)
Accessories	
T911085	Pouch for FLIR ix-series
T911093	Tool Belt
T911025	Car Charger

