

## FLIR i-Series

### The Most Affordable Point-and-Shoot Infrared Cameras Just Got Better

More powerful than ever, i-Series improves your options with a strong line-up of fresh choices to fit the level of detail your application requires. Featuring the new i7, now with 36% higher thermal resolution than before and a wider field of view to help you image more clearly, scan more quickly, and store an entire scene in one complete picture.

**Three Best-in-Class Imagers** – FLIR i3 – 3,600 pixels;  
FLIR i5 – 10,000 pixels; FLIR i7 – 19,600 pixels

**Accuracy** – Temperature accuracy calibrated within  $\pm 2^{\circ}\text{C}$  or 2% of reading to meet the standard you can always trust FLIR to deliver

**Compact Design** – Light at 13 ounces (365g) for easy one-handed operation yet tough enough to stow with the rest of your tools

**Optimized Temperature Range** – From  $-4$  to  $482^{\circ}\text{F}$   
( $-20$  to  $250^{\circ}\text{C}$ ) for electrical, industrial and building applications

**Radiometric Images** – Stores up to 5,000 JPEG image files with all temperature measurements right in the camera ready to download for further analysis and custom reports

**Focus Free Lens** – For convenient viewing

**High Resolution Color LCD** – 2.8" (71mm)

**Measurement Modes** – All models - Spot (center); FLIR i7 also features Area (Min/Max)

**Thumbnail Image Gallery** – Allows quick search of stored images

**Li-Ion Rechargeable Battery** – provides >5 hours continuous use, is replaceable, and features an in-camera charging system

**Includes** – 2G miniSD Card with adaptors, Li-Ion rechargeable battery with 100-240V AC adaptor/charger with EU, UK, US and Australian plugs, mini USB cable, FLIR Tools reporting software, built-in manual lens shutter, and hard case



Find Hot Spots Fast!



Focus-free Lens for Point-and-Shoot Simplicity



Excellent 2.8" Color LCD Shows the Whole Scene



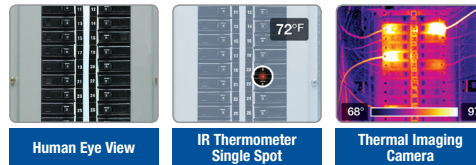
Removable SD Card and USB Output for Fast Image Downloads



Includes Hard Case



## Why Thermal Imaging?



While spot IR thermometers offer only a single temperature readout, 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 infrared camera for troubleshooting, the FLIR i3, FLIR i5 or FLIR i7 is perfect for you!

## Imaging 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
<b>COMMON FEATURES</b>			
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		
Frame Rate	9Hz		
Focus	Focus free		
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		
Battery Type/operating time	Li-Ion/ >5 hours, Display shows battery status		
Charging system	In camera, AC adapter; 3 hours to 90% capacity		
Shock/Vibration/Drop / Encapsulation; Safety	25G, IEC 60068-2-29 / 2G, IEC 60068-2-6 / Drop-proof 2m (6.6ft) IP43; UL, CSA, CE, PSE and CCC		
Dimensions/Weight	8.8x3.1x3.4" (223x79x85mm)<12.9oz. (365g), including battery		
Warranty	2/5/10 (Camera-2 years, Battery-5 years, Detector-10 years)		

## Ordering Information

60101-0101 ..... FLIR i3 Compact Thermal Imaging InfraRed Camera (60x60)  
 60101-0101-NIST ..... FLIR i3 with Certificate Traceable to NIST  
 60101-0201 ..... FLIR i5 Compact Thermal Imaging InfraRed Camera (100x100)  
 60101-0201-NIST ..... FLIR i5 with Certificate Traceable to NIST  
 60101-0301 ..... FLIR i7 Compact Thermal Imaging InfraRed Camera (140x140)  
 60101-0301-NIST ..... FLIR i7 with Certificate Traceable to NIST

### ACCESSORIES

T911085 ..... Pouch for FLIR ix-series  
 T911093 ..... Tool Belt  
 T911025 ..... Car Charger  
 T910711 ..... Power supply/charger with EU, UK, US and AU plugs  
 T197410 ..... Rechargeable Li-Ion Battery  
 T197619 ..... Hard Transport Case



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



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