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

- 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
  FLIR i5/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°C 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 (13 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 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-Ion Rechargeable 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.
### Applications

- Motor - Internal Winding Problem
- Electrical - Hot Fuses
- HVAC - Energy Loss
- Building Inspection - Radiant Floor

### Specifications

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

#### Common 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
- 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/>4 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: 8.8x3.1x3.4" (223x79x85mm)<12.9oz. (365g), including battery
- Warranty: 2/5/10 (Camera-2 years, Battery-5 years, Detector-10 years)

### 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