FLIR ONE® Pro-Series

PROFESSIONAL-LEVEL THERMAL IMAGING FOR YOUR SMARTPHONE

Choose the FLIR ONE Pro LT for:
- Competitive pricing, starting at just $299
- Thermal image resolution of 4,800 pixels
- Temperature measurements up to 120°C (248°F)
- The thermal sensitivity needed to detect temperature differences down to 100 mK
- VividIR™ thermal resolution enhancement for improved sensitivity and image quality
- FLIR MSX® technology, which combines thermal and visual data for finer details and added perspective
- The FLIR OneFit™ connector extends up to 4 mm to attach the FLIR ONE to your smartphone through many popular phone cases

Choose the FLIR ONE Pro for:
- The highest thermal image resolution at **19,200 pixels**—a 4x improvement over the Pro LT
- Maximum temperature measurements that are **3x higher** than the Pro LT—up to 400°C (752°F)
- The thermal sensitivity needed to detect temperature differences down to 70 mK
- VividIR™ thermal resolution enhancement for improved sensitivity and image quality
- FLIR MSX® technology, which combines thermal and visual data for finer details and added perspective
- The FLIR OneFit™ connector extends up to 4 mm to attach the FLIR ONE to your smartphone through many popular phone cases

*Smartphone not included*
### See the Difference!

The higher resolution of the FLIR ONE Pro produces sharper edges and better image quality than the FLIR ONE Pro LT.

### Specifications

<table>
<thead>
<tr>
<th>Specifications by product</th>
<th>FLIR ONE Pro LT</th>
<th>FLIR ONE Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal pixel size</td>
<td>17 μm</td>
<td>12 μm</td>
</tr>
<tr>
<td>Thermal resolution</td>
<td>4,800 pixels (80 × 60)</td>
<td>19,200 pixels (160 × 120)</td>
</tr>
<tr>
<td>Thermal sensitivity</td>
<td>100 mK</td>
<td>70 mK</td>
</tr>
<tr>
<td>Object temperature range</td>
<td>-20°C to 120°C (-4°F to 248°F)</td>
<td>-20°C to 400°C (-4°F to 752°F)</td>
</tr>
</tbody>
</table>

#### Common features

- Measurement Accuracy: ±3°C (5.4°F) or ±5%, typical percent of the difference between ambient and scene temperature. Applicable 60 sec after start-up when the unit is within 15°C to 35°C (59°F to 95°F) and the scene is within 5°C to 120°C (41°F to 248°F).
- Operating temperature: 0°C to 35°C (32°F to 95°F), battery charging 0°C to 30°C (32°F to 86°F).
- Non-operating temperature: -20°C to 60°C (-4°F to 140°F).
- Size (w × h × d): 68 × 34 × 14 mm (2.7 × 1.3 × 0.6 in).
- Weight (incl. battery): 36.5 g.
- Visual resolution: 1440 × 1080.
- HFOV / VFOV: 50° ±1° / 43° ±1°.
- Adjustable MSX distance: 0.3 m – Infinity.
- Image presentation modes: Infrared, visual, MSX, gallery.
- VividIR: Yes.
- Palettes: Gray (white hot), Hottest, Coldest, Iron, Rainbow, Rainbow HC, Arctic, Lava, and Wheel.
- Capture modes: Video, photo, time-lapse.
- Video and still image display/capture: Saved as 1440 × 1080.
- File formats: Radiometric JPG, MPEG-4 (file format MOV (iOS), MP4 (Android)).
- Spot meter: On/off; Resolution 0.1°C (0.1°F).
- Mechanical shock: Drop from 1.8 m (5.9 ft).

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.flir.com/flironepro](http://www.flir.com/flironepro).