**CHOOSE THE FLIR ONE PRO LT FOR:**
- The most affordable option
- 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 image enhancement to produce sharper, crisper images
- FLIR MSX® technology, which overlays visual details onto thermal images for added perspective
- The FLIR OneFit™ connector extends up to 4 mm to attach the FLIR ONE to a 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 image enhancement to produce sharper, crisper images
- FLIR MSX® technology, which overlays visual details onto thermal images for added perspective
- The FLIR OneFit™ connector extends up to 4 mm to attach the FLIR ONE to a smartphone through many popular phone cases

*Smartphone not included*
## 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(s)</td>
<td>-20°C to 120°C (-4°F to 248°F)</td>
<td>-20°C to 120°C (-4°F to 248°F)</td>
</tr>
<tr>
<td>HFOV / VFOV</td>
<td>50° / 38°</td>
<td>55° / 43°</td>
</tr>
</tbody>
</table>

### Common specifications

- **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
- **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
- **Adjustable MSX distance**: 0.3 m – Infinity
- **Image presentation modes**: Infrared, visual, MSX
- **VividIR**: Yes
- **Palettes**: Gray (white hot), Hottest, Coldest, Iron, Contrast, Arctic, Lava, and Color Wheel
- **Video and image capture**: Video and photo, saved as 1440 × 1080
- **File formats**: Radiometric JPG, MPEG-4 (file format MOV for iOS, MP4 for Android)
- **Spot measurement**: Hottest, Coldest and 3 spot measurement
- **Drop tested**: 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)

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**SEE THE DIFFERENCE!**

Capture images with solid thermal contrast; the FLIR ONE Pro provides thermal sensitivity of 70 mK while FLIR ONE Pro LT provides 100 mK sensitivity.