



FLIR ONE® Pro-Series

PROFESSIONAL-LEVEL THERMAL IMAGING FOR YOUR SMARTPHONE



Choose the FLIR ONE Pro LT for:

- 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:

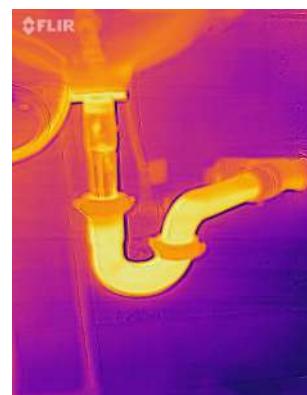
- The highest thermal image resolution at **19,200 pixels**—a 4x improvement over the Pro LT
- Maximum temperature measurements that are **3x higher** than the Pro LT—up to 400°C (752°F)
- The thermal sensitivity needed to detect temperature **differences down to 70 mK**
- VividIR™ thermal resolution 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



Identify electrical faults



Find signs of air leaks
and poor insulation



Check for water leaks

The FLIR ONE® Pro-Series

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SEE THE DIFFERENCE!

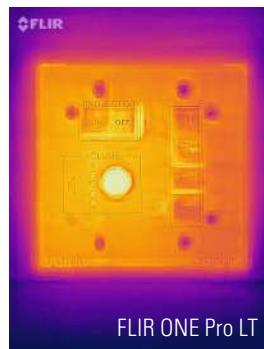
The higher resolution of the FLIR ONE Pro produces sharper edges and better image quality than the FLIR ONE Pro LT



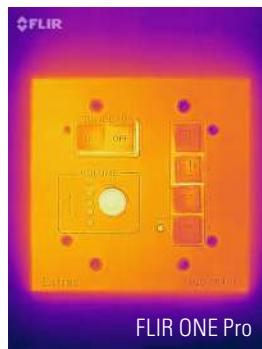
FLIR ONE Pro LT



FLIR ONE Pro



FLIR ONE Pro LT



FLIR ONE Pro

SPECIFICATIONS

Specifications by product	FLIR ONE Pro LT	FLIR ONE Pro
Thermal pixel size	17 μ m	12 μ m
Thermal resolution	4,800 pixels (80 x 60)	19,200 pixels (160 x 120)
Thermal sensitivity	100 mK	70 mK
Object temperature range	-20°C to 120°C (-4°F to 248°F)	-20°C to 400°C (-4°F to 752°F)
Common features		
Measurement Accuracy	$\pm 3^\circ\text{C}$ (5.4°F) or $\pm 5\%$, 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 x h x d)	68 x 34 x 14 mm (2.7 x 1.3 x 0.6 in)	
Weight (incl. battery)	36.5 g	
Visual resolution	1440 x 1080	
HFOV / VFOV	50° $\pm 1^\circ$ / 43° $\pm 1^\circ$	
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 x 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

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The World's Sixth Sense®