



# FLIR ONE® Pro-Series

PROFESSIONAL-LEVEL THERMAL IMAGING  
FOR YOUR SMARTPHONE



Identify electrical faults

## Choose the FLIR ONE Pro LT for:

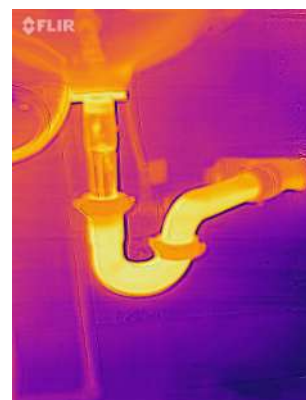
- Thermal image resolution of 4,800 pixels
- Temperature measurements up to 120°C (248°F)
- The thermal sensitivity needed to detect temperature differences down to 100 mK
- VividIR™ thermal resolution enhancement for improved sensitivity and image quality
- FLIR MSX® technology, which combines thermal 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



Find signs of air leaks  
and poor insulation

## 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



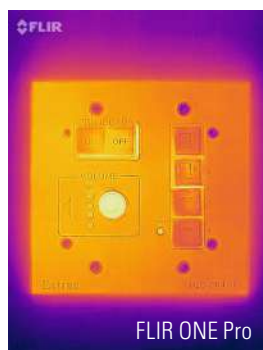
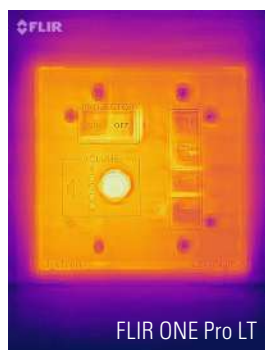
Check for water leaks

# The FLIR ONE® Pro-Series

PROFESSIONAL-LEVEL THERMAL IMAGING FOR YOUR SMARTPHONE

## 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

Specifications by product	FLIR ONE Pro LT	FLIR ONE Pro
Thermal pixel size	17 $\mu$ m	12 $\mu$ m
Thermal resolution	4,800 pixels (80 $\times$ 60)	19,200 pixels (160 $\times$ 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 $\times$ h $\times$ d)	68 $\times$ 34 $\times$ 14 mm (2.7 $\times$ 1.3 $\times$ 0.6 in)	
Weight (incl. battery)	36.5 g	
Visual resolution	1440 $\times$ 1080	
HFOV / VFOV	50° $\pm$ 1° / 43° $\pm$ 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 $\times$ 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)

## DONHO

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The World's Sixth Sense®