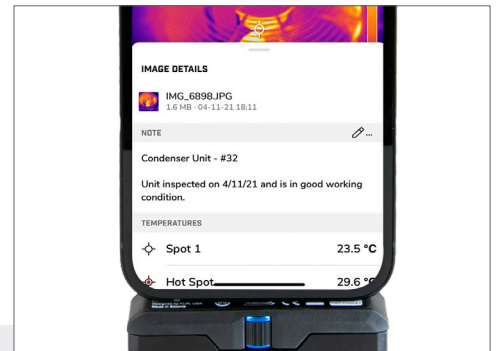
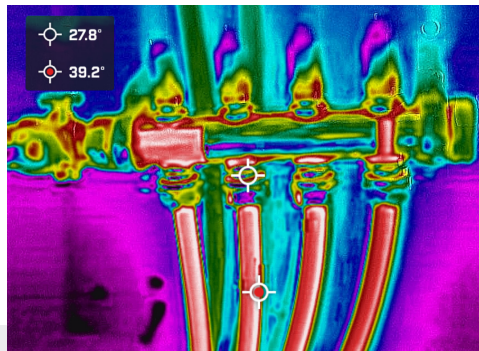
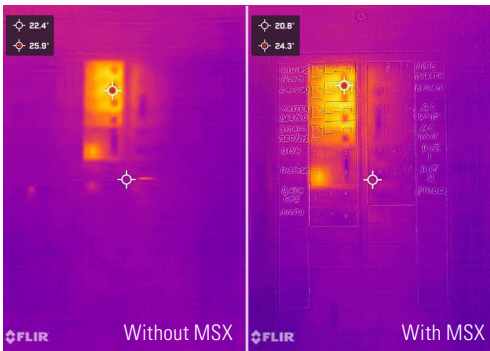


**PRO-GRADE THERMAL CAMERAS FOR
iOS® AND ANDROID™ SMARTPHONES**

FLIR ONE® PRO-SERIES

The FLIR ONE Pro-Series are affordable smartphone attachment thermal imaging cameras designed to help professionals find problems faster and get more work done in less time. These lightweight, pocket-sized inspection tools allow users to see and measure temperature differences accurately and from a safe distance, making it easier to detect and diagnose issues. With unique image-enhancement features including FLIR VividIR™ and MSX® (Multi-Spectral Dynamic Imaging), the FLIR ONE Pro and Pro LT provide best-in-class thermal imagery. FLIR ONE Pro-Series cameras also provide a OneFit™ connector that adjusts and extends up to 4 mm to fit many popular protective cases. Whether inspecting electrical panels, looking for HVAC problems, or finding water damage, FLIR ONE Pro-Series thermal imaging cameras enable users of all experience levels to work efficiently while on-the-go.

flir.com/flironepro



PROFESSIONAL IMAGE QUALITY

Detect problems with precision using the FLIR ONE Pro-Series' image enhancement features including VividIR and MSX

- Take crisp thermal images with VividIR, which combines multiple image frames to deliver one sharper, final image
- Easily recognize where problems are located and identify targets with MSX, which enhances thermal images by embossing visual details from the 1440 x 1080 HD camera onto the thermal image
- Capture images with solid thermal contrast; FLIR ONE Pro provides thermal sensitivity of 70 mK while FLIR ONE Pro LT provides 100 mK sensitivity

TEMPERATURE ACCURACY

Get reliable results from the FLIR ONE Pro LT or upgrade to the FLIR ONE Pro for a wider temperature range and improved sensitivity

- Troubleshoot faster with 160 x 120 (19,200 pixels) thermal resolution using the FLIR ONE Pro and 80 x 60 (4,800 pixels) using the FLIR ONE Pro LT
- Quickly see both the hottest and coldest spots in a scene
- Measure temperatures up to 400°C (752°F) with the FLIR ONE Pro

FLEXIBLE REPORTING TOOLS

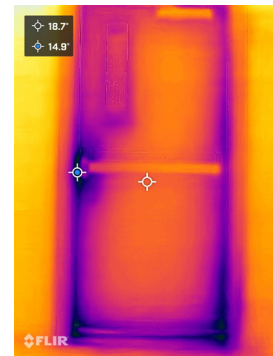
Improve workflow using the sleek, intuitive FLIR ONE mobile app without ever leaving the job site

- Capture, store, and edit images; add notes, and easily share data with team members and customers using the improved FLIR ONE Pro app
- Create professional reports quickly using FLIR Thermal Studio desktop software
- Conveniently access a wide variety of compatible FLIR ONE mobile apps (developed using FLIR mobile SDK)

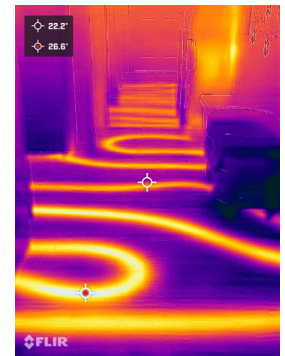
SPECIFICATIONS

| Specifications by product | FLIR ONE Pro LT | FLIR ONE Pro |
|-----------------------------|---|---|
| Thermal pixel size | 17 µm | 12 µm |
| Thermal resolution | 4,800 pixels (80 × 60) | 19,200 pixels (160 × 120) |
| Thermal sensitivity | 100 mK | 70 mK |
| Object temperature range(s) | -20°C to 120°C (-4°F to 248°F) | -20° to 120°C (-4°F to 248°F) 0°C to 400°C (32°F to 752°F) |
| Common features | | |
| Certifications | MFi (iOS version), RoHS, CE/FCC, CEC-BC, EN62133 | |
| 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 | |
| Drop tested | Drop from 1.8 m (5.9 ft) | |
| Optical data | | |
| Spectral range | 8 – 14 µm | |
| Visual resolution | 1440 × 1080 | |
| HFOV / VFOV | 50° ±1° / 43° ±1° | |
| Frame rate | 8.7 Hz | |
| Focus | Fixed 15 cm – infinity | |
| 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) | |
| Emissivity correction | Matte, Semi-Matte, Semi-Glossy, Glossy | |
| Measurement correction | Emissivity; Reflected apparent temperature (22°C / 72°F) | |
| Shutter | Automatic/Manual | |
| Power | | |
| Battery life | Approximately 1 hr | |
| Battery charge time | 40 min | |

| Interfaces | |
|--------------------------|---|
| Video | Male Lightning (iOS), Male USB-C (Android) |
| Charging | Female USB-C (5V/1A) |
| App | |
| 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 (iOS), MP4 (Android)) |
| Spot measurements | Hottest, Coldest, and 3 spot measurement |
| Adjustable MSX distance | 0.3 m – infinity |
| Visual battery indicator | 0-100% |



Coldest spot



Hottest spot

Specifications are subject to change without notice.
For the most up-to-date specs, go to www.teledyneflir.com

WILSONVILLE
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 877.773.3547

NASHUA
9 Townsend West
Nashua, NH 03063
USA
PH: +1 866.477.3687

LATIN AMERICA
Av. Antonio Bardella, 320
Sorocaba, SP 18085-852
Brasil
PH: +55 15 3238 8070

CANADA
103-3430 South Service Road
Burlington, ON L7N 3T9
Canada
PH: +1 800.613.0507

www.teledyneflir.com

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21-0568-INS-MOBILE-FLIR-ONE-Pro-Datasheet-LTR