



FLIR ONE® EDGE PRO

Thermal Camera with Wireless Connectivity
for iOS® and Android™ Smart Devices



Mobile phone not included

www.flir.com/FLIRONE-EdgePro

The FLIR ONE Edge Pro is an innovative, rugged thermal imager that wirelessly connects to your smart device so you can remotely inspect out-of-reach targets – or clip it onto your phone or tablet for one-handed operation. Combining VividIR™ and FLIR MSX®, you can take crisp thermal images from any position or angle with a natural grip. FLIR Ignite™ allows you to easily upload images and videos from your FLIR ONE Edge Pro to the cloud where you can edit, organize, store, and share data. Compatible with iOS and Android smartphones and tablets, the FLIR ONE Edge Pro can be used without limitations, regardless of carrier, operating system, size, or future smart device upgrades.

EASILY INSPECT ANYWHERE

Measure targets in difficult-to-reach areas from any angle, and enhance visibility through remote monitoring

- Remotely inspect hazardous areas up to 5 m (16.4 ft) away
- Operate with one hand by clipping the FLIR ONE Edge Pro to your smart device
- Conveniently scan out-of-reach or out-of-view targets, holding the FLIR ONE Edge Pro in one hand and your smart device in the other for a clear view of your screen
- Wireless connectivity eliminates compatibility issues and allows you to upgrade your smart device without the need to replace your thermal camera

HIGH-QUALITY IMAGES AND PERFORMANCE

Inspect areas accurately with FLIR proprietary image enhancement features

- Easily recognize where problems are located and identify targets with FLIR MSX® (Multi-Spectral Dynamic Imaging)
- Take crisp, clear images with 160 × 120 (19,200 pixels) thermal resolution and VividIR, which combines multiple image frames together to deliver a sharper image
- Measure temperatures up to 400°C (752°F)
- Rugged design with up to 1.5-hour battery life

ENHANCE YOUR WAY OF WORKING

Improve efficiency and large enterprise scalability with the FLIR ONE Edge Pro and its apps and services

- Effortlessly edit and store images in the cloud, and wirelessly transfer files using the included FLIR Ignite cloud service
- Step-by-step guidance with FLIR-specific smart device apps
- Simple integration with FLIR Thermal Studio and FLIR Ignite software

SPECIFICATIONS

| FLIR ONE® Edge Pro | | Interfaces | |
|-----------------------------|--|--|--|
| Thermal pixel size | 12 µm | Wi-Fi | IEEE 802.11 a/b/g/n |
| Thermal resolution | 160 × 120 (19,200 pixels) | Bluetooth® | Bluetooth |
| Thermal sensitivity | 70 mK | Charging | Female USB-C (5V/1A) |
| Measurement | | Remote operation | Up to 5 m (16.4 ft) from smart device via Wi-Fi |
| Object temperature range(s) | -20°C to 120°C (-4°F to 248°F) 0°C to 400°C (32°F to 752°F) | App | |
| Operating temperature | -10°C to 50°C (14°F to 122°F), battery charging 0°C to 45°C (32°F to 113°F) | Image presentation modes | Infrared, visual, MSX® |
| Accuracy | ±3°C (5.4°F) or ±5%. 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) | VividIR | Yes |
| Emissivity correction | Matte, Semi-Matte, Semi-Glossy, Glossy | Video and image capture | Yes |
| Measurement correction | Emissivity; Reflected apparent temperature (22°C / 72°F) | File formats | Radiometric JPG, MPEG-4 [file format MOV (iOS), MP4 (Android)] |
| Shutter | Automatic/Manual | Spot measurements | Hottest, Coldest, and 3-spot measurement |
| Optical data | | Adjustable MSX distance | 30 cm – infinity |
| Spectral range | 8 µm – 14 µm | Visual battery indicator | 0% to 100% |
| Visual resolution | 640 × 480 | Radio | |
| HFOV / VFOV | 54° ±1° / 42° ±1° | Wi-Fi | Standard: 802.11 a/b/g/n |
| Frame rate | 8.7 Hz | Bluetooth | Frequency range: - 2400–2484 MHz |
| Focus | Fixed 30 cm – infinity | Accessories | |
| General features | | FLIR ONE Edge Pouch, Ordering #T912180 | |
| Device compatibility | iOS (version 15 and later) and Android (version 11 and later) smartphones and tablets | | |
| Certifications | IP54, RoHS, CE/FCC, CEC-BC, EN62133, UL1642, WEEE 2012/19/EU | | |
| Storage temperature | -40°C to 70°C (-40°F to 158°F) | | |
| Size (w × h × d) | 35 mm × 37.5 mm × 149 mm (1.4 in × 1.5 in × 5.9 in) | | |
| Weight (incl. battery) | 153 g (5.4 oz) | | |
| Drop tested | Drop from 2 m (6.56 ft) | | |
| Clip span | 130 mm (min) / 195 mm (max) | | |
| Power | | | |
| Battery life | Approximately 1 h 30 min | | |
| Battery charge time | 60–90 min for fully charged. 15 min charging, from empty battery, gives 40 min operating time. | | |

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

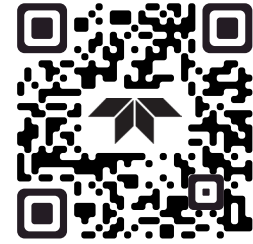
US Patent-pending design

For more information contact: Sales@TeledyneFLIR.com
or to find your local support number, visit: flir.com/contactsupport

Apple Store FLIR Apps



Google Play Store FLIR Apps



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