

# FLIR ONE® EDGE PRO

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



Mobile phone not included

[www.flir.com/FLIRONE-EdgePro](http://www.flir.com/FLIRONE-EdgePro)

## 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 30 m (100 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	
Thermal pixel size	12 µm
Thermal resolution	160 × 120 (19,200 pixels)
Thermal sensitivity	70 mK
Measurement	
Object temperature range(s)	-20°C to 120°C (-4°F to 248°F) 0°C to 400°C (32°F to 752°F)
Operating temperature	-10°C to 50°C (14°F to 122°F), battery charging 0°C to 45°C (32°F to 113°F)
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)
Emissivity correction	Matte, Semi-Matte, Semi-Glossy, Glossy
Measurement correction	Emissivity; Reflected apparent temperature (22°C / 72°F)
Shutter	Automatic/Manual
Optical data	
Spectral range	8 µm – 14 µm
Visual resolution	640 × 480
HFOV / VFOV	54° ±1° / 42° ±1°
Frame rate	8.7 Hz
Focus	Fixed 30 cm – infinity
General features	
Certifications	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.
Interfaces	
Wi-Fi	IEEE 802.11 a/b/g/n
Bluetooth®	Bluetooth
Charging	Female USB-C (5V/1A)
Remote operation	Up to 30 m (100 ft) from smart device via Wi-Fi
App	
Image presentation modes	Infrared, visual, MSX®
VividIR	Yes
Video and image capture	Yes
File formats	Radiometric JPG, MPEG-4 [file format MOV (iOS), MP4 (Android)]
Spot measurements	Hottest, Coldest, and 3-spot measurement
Adjustable MSX distance	30 cm – infinity
Visual battery indicator	0% to 100%
Radio	
Wi-Fi	Standard: 802.11 a/b/g/n
Bluetooth	Frequency range: - 2400–2484 MHz
Accessories	
FLIR ONE Edge Pouch, Ordering #T912180	

Apple Store FLIR Apps



Google Play Store FLIR Apps



Specifications are subject to change without notice.  
For the most up-to-date specs, go to [www.teledyneflir.com](http://www.teledyneflir.com)

### US Patent-pending design

For more information contact: [Sales@TeledyneFLIR.com](mailto:Sales@TeledyneFLIR.com)  
or to find your local support number, visit: [flir.com/contactsupport](http://flir.com/contactsupport)

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