

## FLIR ONE® EDGE SERIES

Thermal cameras with wireless connectivity for iOS® and Android™ smart devices





#### **SPECIFICATIONS**

	FLIR ONE Edge	FLIR ONE Edge Pro		
Thermal resolution	80 × 60 (4,800 pixels)	160 × 120 (19,200 pixels)		
Object temperature range(s)	-20°C to 120°C (-4°F to 248°F)	-20°C to 120°C (-4°F to 248°F) 0°C to 400°C (32°F to 752°F)		
VividIR image enhancement	No	Yes		
Image presentation modes	MSX, infrared image, visual image			
Live measurement analysis	Hottest, coldest, and 3 adjustable spots			
Android & iOS compatibility	Yes, compatible with both iOS and Android devices			
Wireless remote operation	Yes (up to 5 m from smart device)			
General Features				
Device compatibility	iOS (version 15 and later) or Android (version 11 and later) smartphones and tablets			
IP rating	IP54			
Drop tested	Drop from 2 m (6.56 ft)			
FLIR software compatibility	FLIR ONE app, FLIR Ignite, FLIR Thermal Studio			
SDK available for app development	Yes			
Thermal sensitivity	70 mK			
Certifications	RoHS, CE/FCC, CEC-BC, EN62133, UL1642, WEEE 2012/19/EU			
Operating temperature	-10°C to 50°C (14°F to 122°F), battery charging 0°C to 45°C (32°F to 113°F)			
Storage temperature	-40°C to 70°C (-40°F to 158°F)			
Size ( $w \times h \times d$ )	35 mm × 37.5 mm × 149 mm (1.4 in × 1.5 in × 5.9 in)			
Weight (incl. battery)	153 g (5.4 oz)			
Clip span	130 mm (min) / 195 mm (max)			

### Key Features:

- Wirelessly connects to your smart device for convenient inspections
- Unrivaled thermal image clarity with MSX® (Multi-Spectral Dynamic Imaging)
- Use the FLIR ONE app for efficient thermal analysis, and seamlessly connect to the FLIR Ignite™ cloud solution

#### Main Applications:

- Identifying and locating moisture intrusion and insulation deficiencies
- Diagnosing issues in HVAC/R inspections
- Identifying abnormalities in electrical and mechanical components

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	FLIR ONE Edge	FLIR ONE Edge Pro		
Optical Data				
Spectral range	8 μm to 14 μm	8 μm to 14 μm		
Visual resolution	640 × 480	640×480		
HFOV / VFOV	54° ±1° / 42° ±1°	54° ±1° / 42° ±1°		
Frame rate	8.7 Hz	8.7 Hz		
Focus	Fixed 30 cm — infinity	Fixed 30 cm – infinity		
Measurement				
Accuracy	the unit is within 15°C to 35°C	$\pm 3^{\circ}$ C (5.4°F) or $\pm 5\%$ . 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	Automatic/Manual		
Power				
Battery life	2 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	802.11 a/b/g/n			
Bluetooth	Uses Bluetooth to set up the peer-to-peer Wi-Fi network that the camera creates to connect to the mobile device			
Charging	Female USB-C (5V/1A)	Female USB-C (5V/1A)		
Remote connection	Via Wi-Fi	Via Wi-Fi		

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

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

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Revised 06/27/23 FLIR ONE Edge Series\_Datasheet-LTR 23-0403-INS



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#### **SPECIFICATIONS**, CONT.

	FLIR ONE Edge	FLIR ONE Edge Pro		
Арр				
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	0.3 m – infinity			
Visual battery indicator	0% to 100%			
Radio				
Wi-Fi	Standard: 802.11 a/ac/b/g/n Frequency range: - 2401–2473 MHz - 5150–5250 MHz Max. output power: 15 dBm			
Bluetooth	Frequency range: - 2400–2484 MHz Max. output power: 10 dBm			

Apple Store FLIR Apps



Google Play Store FLIR Apps



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