



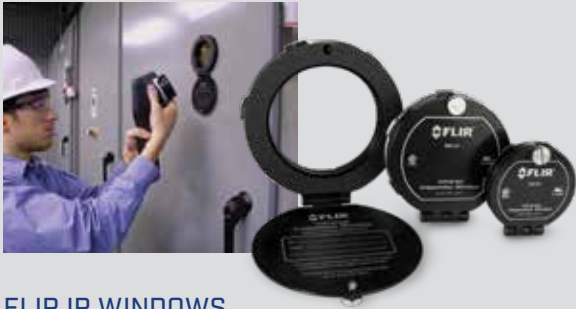
*FLIR THERMAL IMAGING
CAMERA SELECTION GUIDE*





Specifications	Mobile	Compact		Point & Shoot				Professional				High-Performance					
Model	FLIR ONE Pro	C2	C3	E4	E5	E6	E8	E53	E75	E85	E95	T530	T540	T620	T640	T1010	T1020
IR resolution	160 x 120 (19,200 pixels)	80 x 60 (4,800 pixels)		80 x 60 (4,800 pixels)	120 x 90 (10,800 pixels)	160 x 120 (19,200 pixels)	320 x 240 (76,800 pixels)	240 x 180 (43,200 pixels)	320 x 240 (76,800 pixels)	384 x 288 (110,592 pixels)	464 x 348 (161,472 pixels)	320 x 240 (76,800 pixels)	464 x 348 (161,472 pixels)	640 x 480 (307,200 pixels)		1024 x 768 (786,432 pixels)	
UltraMax® resolution	-	-	-	-	-	-	-	-	307,200 pixels	442,368 pixels	645,888 pixels	307,200 pixels	645,888 pixels	1.2 MP		3.1 MP	
MSX® image enhancement	Yes	Yes	Yes	Yes				Yes				Yes		Yes		Yes	
Color viewfinder	-	-	-	-				-				-		Yes	-	Yes	
Thermal sensitivity	<0.15°C	<0.10°C	<0.10°C	<0.15°C	<0.10°C	<0.06°C	<0.06°C	<0.04°C	<0.03°C			<0.03°C		<0.04°C	<0.03°C	<0.025°C	<0.02°C
Temperature range	-20°C to 400°C (-4°F to 752°F)	-10°C to 150°C (14°F to 302°F)	-10°C to 150°C (14°F to 302°F)	-20°C to 250°C (-4°F to 482°F)				-20°C to 650°C (-4°F to 1,200°F)	-20°C to 650°C (-4°F to 1,200°F)	-20°C to 1,200°C (-4°F to 2,192°F)	-20°C to 1,500°C (-4°F to 2,732°F)	-20°C to 650°C (-4°F to 1,202°F)	-20°C to 1,500°C (-4°F to 2,732°F)	-40°C to 650°C (-40°F to 1,202°F)	-40°C to 2,000°C (-40°F to 3,632°F)	-40°C to 650°C (-40°F to 1,202°F)	-40°C to 2000°C (-40°F to 3,632°F)
									Optional to 1,000°C (1,830°F)			Optional to 1,200°C (2,192°F)		Optional to 2,000°C (3,632°F)			
Field of view	55° x 43°	41° x 31°	41° x 31°	45° x 34°				24° x 18°				24° x 18°		25° x 19°		28° x 21°	
Spot size ratio	147:1	90:1	90:1	97:1	145:1	192:1	385:1	571:1	763:1	917:1	1111:1	763:1	1111:1	1471:1		2128:1	
Measurement tools	Spotmeter	Spotmeter	Spotmeter, area box (max/min)	Spotmeter (center spot)	Spotmeter (center spot), area box (max/min)		Spotmeter (center spot), area box (max/min), isotherm (above/below/interval)	No measurement, center spot, hot spot, cold spot, 3 spots, hot spot-spot*	1 spotmeter, 1 area boxes (max/min), hot spot, cold spot, User Presets (1 & 2), Delta T	3 spotmeters, 3 area boxes (max/min), hot spot, cold spot, User Presets (1 & 2), Delta T		3 spotmeters, 3 area boxes (max/min), hot spot, cold spot, User Presets (1 & 2), Delta T		10 spotmeters, 5+5 area boxes, hot spot, cold spot, User Presets (1 & 2), Delta T	10 spotmeters, 5+5 area boxes, profile (max/min), hot spot, cold spot, User Presets (1 & 2), Delta T	1 spotmeter, 1 area box (max/min/avg.), profile (max/min), hot spot, cold spot, User Presets (1 & 2), Delta T	10 spotmeters, 5+5 area boxes (max/min/avg.), profile (max/min), hot spot, cold spot, User Presets (1 & 2), Delta T
Communication modes	USB-C, microUSB and Lightning	USB	USB, Wi-Fi	USB, Wi-Fi				USB, Wi-Fi, Bluetooth, Display Port				USB, Wi-Fi, Bluetooth, Display Port		USB, Wi-Fi, Bluetooth, mini-HDMI		USB Micro-B, HDMI	USB Micro-B, Wi-Fi, Bluetooth, HDMI
Touchscreen	-	3 in (7.62 cm)	3 in (7.62 cm)	-				4 in (10.16 cm)				4 in (10.16 cm)		4.3 in (10.92 cm)			
On-screen text, image sketch	-	-	-	-				Yes				Yes		Yes		-	Yes
Voice annotation	-	-	-	-				Yes				Yes		Yes		-	Yes
Laser pointer	-	-	-	-				Yes				Yes		Yes			
METERLiNK®	-	-	-	-				Yes				Yes		Yes		-	Yes
Radiometric JPEG	Yes	Yes	Yes	Yes				Yes				Yes		Yes			
IR video storage	Yes	-	-	-				Yes				Yes		Yes		-	Yes
Built-in GPS/Compass	-	-	-	-				Yes				Yes		Yes		-	Yes
Available lenses	-	-	-	-				-	14°, 24° and 42° AutoCal™ lenses			14°, 24° and 42° AutoCal™ lenses		7°, 15°, 25°, 45° and 80°		12°, 28° and 45°	

*Hot spot to center spot Delta measurement



FLIR IR WINDOWS

Electrical cabinet inspections can be dangerous, requiring layers of heavy, protective clothing just to conduct a few minutes of scans. IR Windows can reduce the need for Personal Protective Equipment (PPE) or eliminate it by providing a safe way to inspect electrified equipment from the outside.



FLIR TEST & MEASUREMENT

FLIR offers a complete line of test and measurement equipment, from clamp and digital multimeters to borescopes and moisture meters. Built upon FLIR's commitment to innovation, these tools help you diagnose problems and get right to repairs. Look for meters featuring IGM™ (Infrared Guided Measurement) to help you quickly identify the location of potential problems.



REPORTING SOFTWARE

FLIR Tools™, FLIR Tools+, and the FLIR Tools mobile app are designed to provide an easy way to upload content, share it, and create inspection reports. This software allows you to change image settings, add new temperature points, analyze data, and create standardized reports. FLIR also offers a new workflow management tool for your smart device called FLIR InSite™. This inspection management application can help you plan and prepare for inspections, collect inspection data, and deliver those results to your team or clients through a secure portal.



INFRARED TRAINING CENTER

The Infrared Training Center (ITC) offers a wide variety of thermography classes to prepare you to take a leadership role in an infrared inspection program. Register for online courses, watch free seminars, or sign up for classes at locations around the country. You can also schedule on-site training for your facility. For a complete list of courses and current schedule, visit infraredtraining.com or call 1.866.872.4647.

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