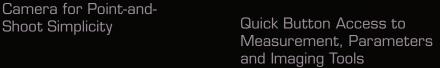
Introducing the FLIR E4, E5, E6 and E8

Visible, and MSX Imaging

Now every technician and home inspector can afford to keep an E-Series camera handy for guick scans and safety checks. Easier to use than a smartphone, FLIR's newest line of economical thermal imagers offers everything you need for a wide variety of IR inspections. Clearly see and find hidden electrical-mechanical overheating, sources of energy waste, moisture issues, and more. These are musthave tools that can help you help companies and homeowners significantly improve uptime and comfort, and reduce costs, while you increase your marketability.

> Excellent 3" Color LCD Shows the Whole MSX



Protective Lens Cover Slides Open Easily

Trigger Captures Radiometric JPEG Images

Focus-free IR and Visible

Shoot Simplicity

Ruggedness You Can Trust Withstands 2 Meter Drop





What New E4, E5, E6 & E8 Cameras Offer

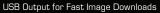
- MSX Recognize problem locations instantly when you see thermal images enhanced with visible camera details such as numbers, signage, labels, and other identifiable features.
- IR Resolutions to Fit Your Application Choose from the E4's 4800 pixel resolution all the way up to the impressive 320 \times 240 thermal
- Reliable Results FLIR's outstanding thermal accuracy (within 2% or +/- 2°C) and broad measurement range (-20°C to 250°C) for results you can count on.
- Fully Radiometric Images Stores hundreds of thermal, MSX and visible image JPEGs with all temperature data intact ready to download to your Mac or PC.
- Compact Design Light at about 20 ounces (575g) for easy onehanded operation yet tough enough to stow with the rest of your tools.





Reporting Software Included









Imaging Specifications







Specifications	Point & Shoot				Performance			High-Performance				
Model	E4	E5	E6	E8	E40/E40bx	E50/E50bx	E60/E60bx	T420/T420bx	T440/T440bx	T620/T620bx	T640/640bx	
Accuracy		±2% o	r 2°C			±2% or 2°C			±2% or 2°C			
IR Pixel Resolution	4,800				19,200 43,200 76,800		76,800 (320 × 240)		307,200 (640 × 480)			
Thermal County is	(80 × 60)	(120 × 90)	(160 × 120)	(320 × 240)	(160 x 120)	(240 × 180)	(320 x 240)		<0.045°C		<0.04°C <0.035°C	
Thermal Sensitivity	<0.15℃	<0.10°C	<0.06°C	<0.06°C	<0.07°C /<0.045°C	<u.u5°c< td=""><td>/<0.045°C</td><td></td><td>U45*U</td><td></td><td></td></u.u5°c<>	/<0.045°C		U45*U			
Temperature Range	-4° F to 482°F (-20° to 250°C)				-4°F to 1,202°F (-20°C to 650°C) bx: -4°F to 248°F (-20°C to 120°C)			-4°F to 1,202°F (-20°C to 650°C) Optional to 2,192°F (1,200°C) bx: -4°F to 662°F (-20°C to 350°C)	-4°F to 2,192°F (-20°C to 1,200°C) bx: -4°F to 1202°F (-20°C to 650°C)	-40°F to 1,202°F (-40°C to 650°C) Optional: to 3,632°F (2,000°C) bx: -40°F to 1202°F (-40°C to 650°C)	-40°F to 3,632°F (-40°C to 2,000°C) bx: -40°F to 1,202°F (-40°C to 650°C)	
Display Size/Format		3.0"/Landscape			3.5"/ Landscape			3.5"/Landscape		4.3"/Landscap	4.3"/Landscape (Widescreen)	
Auto Orientation	_	_	_	_	•	•	•	_	_	_	_	
MSX® Thermal Image Enhancement	•	•	•	•	•	•	•	•	•	•	•	
Viewfinder	_	_	_	_	_	_	_	_	_	_	•	
	_	2 modes: 1 Spot										
Measurement Modes	Spot (center); 1 Area Box (Min/Max); (center) mode (Center); 1 Area Box (Min/Max); (sotherm (above/below)				5 modes: 3 Spots; 3 Area Boxes (Min/Max); Color Alarm – blue below or red above set Temp.;Auto hot/cold spot; Delta T			6 modes: 5 Spotmeters, 5 Area Boxes, Isotherm, Auto hot/cold spot, Delta T and 1 live line profile		6 modes:1U Spots, 5 Area Boxes/Circles, Isotherm, Auto hot/cold spot, Delta T and 1 live line profile		
Spot mode	Center/Fixed				3 moveable			5 moveable		10 moveable		
Frame Rate	9 Hz				60Hz			60 Hz		30 Hz		
Field of View	45° × 34°				25° × 19°			25° ×		× 19°		
Optional Lenses	_				2: 15° Telephoto; 45° Wide Angle			6: 6°, 15° Tele, 45° Wide, 90°; Close up: 100, 50 μm		6: 7° & 15° Tele, 45° Wide; Close-up: 80, 100, 50µm		
Focus	Focus free			Manual			Manual & Automatic		, 100, 00μπ			
Continuous Auto Focus	_	_	_	_	_		_	_		_	•	
Min. Focus Distance		1.6 ft. (1.31 ft (0.4 m)			t (0.4 m)		(O.25 m)	
Radiometric JPEG via USB	•	1.0 lb. (•	•	•	1.0116 (0.411)	•	1.011	t (O.4 III)	0.02 10	(U.23 III)	
Radiometric JPEG to SD Card	_	_	_	_	•	_	•				•	
MPEG4 to SD (non-radiometric IR)	_	_		_	•	•	•	•	•		•	
Thermal color palettes	— — — — — — — — — — — — — — — — — — —				7: Arctic, White hot, Black hot, Iron, Lava, Rainbow,			6: Arctic, Gray, Iron, Lava, Rainbow, and Rainbow High Contrast				
FLIR Tools for PC and Mac	•	•	•	•	•	and Rainbow High Contra •	•	•	•	•	•	
Battery Operating Time		~4 h	nrs			>4hrs		>-	4hrs	>2.5 hrs	>2.5 hrs	
Built-in Digital Camera	640 × 480			3.1 MP			3.1 MP		5 MP			
Built-in Illuminator LED	_	_	_	_	•	•	•	•	•	•	•	
Touchscreen	_	_	_	_	•	•	•	•	•	•	•	
Digital Zoom	_	_	_	_	2x	4	4×	4x	8×	4x	8×	
Insulation Alarm	_	_	_	_	bx	bx	bx	bx	bx	bx	bx	
Humidity Alarm	_	_	_	_	bx	bx	bx	bx	bx	bx	bx	
MeterLink® connectivity	_	_	_	_	•	•	•	•	•	•	•	
Laser Pointer + Laser Locator (on IR image)	_	_	_	_	•	•	•	•	•	•	•	
Compass	_	_	_	_	_	_	_	•	•	•	•	
GPS	_	_	_	_	_	_	_	•	•	•	•	
IR Window Correction	_	_	_	_	•	•	•	•	•	•	•	
Delta T	_	_	_	_	•	•	•	•	•	•	•	
Picture in Picture	_	_	Fixed PIP	Fixed PIP	Fixed PIP	Scala	able PIP		Scalable 8	& Moveable		
Thermal/Visual Fusion						Octionic & Moveding			•			
Onscreen Sketching	_	_	_	_	_	_	_	•	•	•	•	
Sketch on IR/Visual Image	_	_	_	_	_	_	_	_	•	_	•	
Voice/Text Annotation	_	_	_	_	•	•	•	•	•	•	•	
FLIR Tools Mobile Wi-Fi app	_	_	_	_	•	•	•	•	•	•	•	
Streaming Video via Wi-Fi app	_	_	_	_	•	•	•	•	•	•	•	
Remote Control via Wi-Fi app	_	_	_	_	_	_	_	•	•	•	•	
Drop (2 meter/6.6 feet)	•	•	•	•	•	•	•	_	_	_	_	
Weight (including battery)		1 27 lbe (C				1.94 lbs (0.88 kg)		1 Q/I lbd	s (0.88 kg)	2 87 lbs		
v veigno (inicidum g paccer y)	1.27 lbs (0.575 kg)				1.34 IUS (U.88 Kg)			1.94 lbs (0.88 kg) 2.87 lbs (1.3 kg)				



Visit www.flir.com, or call 866.477.3687
*The thermal images shown are for illustrative purposes only, and may not have been taken by the camera series depicted.