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





What New E4, E5, E6 & E8 Cameras Offer

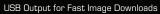
- MSX Recognize problem locations instantly when you see thermal images enhanced with visible camera details such as numbers, signage, labels, and other identifiable features.
- IR Resolutions to Fit Your Application Choose from the E4's 4800 pixel resolution all the way up to the impressive 320 \times 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.





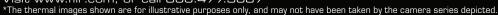
Reporting Software Included











Quick-release

Re-chargeable Battery

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% (or 2°C			±2% or 2°C			±2% or 2°C		
IR Pixel Resolution	4,800 (80 × 60)	10,800 (120 × 90)	19,200 (160 × 120)	76,800 (320 × 240)	19,200 (160 × 120)	43,200 (240 × 180)	76,800 (320 × 240)	76,800 (320 × 240)		307,200 (640 × 480)	
Thermal Sensitivity	<0.15°C	<0.10°C	<0.06°C	<0.06°C	<0.07°C /<0.045°C	<0.05°C	/<0.045°C	<0.0	D45°C	<0.04°C	<0.035°C
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"/L	3.5"/Landscape 4.3"/Landscape (Widescr		e (Widescreen)	
Auto Orientation	_	_	_	_	•	•	•	_	_	_	_
MSX® Thermal Image Enhancement	•	•	•	•	•	•	•	•	•	•	•
Viewfinder	_	_	_	_	_	_	_	_	_	_	•
Measurement Modes	Spot (center) mode	2 modes: 1 Spot (center); 1 Area Box (Min/Max)		r); 1 Area Box (Min/Max); above/below)		s; 3 Area Boxes (Min/Ma above set Temp.;Auto hot		6 modes: 5 Spotmeters, 5 Area Boxes, Isotherm, Auto hot/cold spot, Delta T and 1 live line profile		6 modes:10 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°		× 19°	19°	
Optional Lenses	_	_	_	_	2: 1	5° Telephoto; 45° Wide A	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				
Continuous Auto Focus	_	_	_	_	_	_	_	_	_	_	•
Min. Focus Distance		1.6 ft.	(O.5m)			1.31 ft (0.4 m)		1.31 f	t (0.4 m)	0.82 ft (0.25 m)
Radiometric JPEG via USB	•	•	•	•	•	•	•	•	•	•	•
Radiometric JPEG to SD Card	_	_	_	_	•	•	•	•	•	•	•
MPEG4 to SD (non-radiometric IR)	_	_	_	_	•	•	•	•	•	•	•
Thermal color palettes	3: Iron, Rainbow, and Gray				7: Arctic, White hot, Black hot, Iron, Lava, Rainbow, and Rainbow High Contrast			6: Arctic, Gray, Iron, Lava, Rainbow, and Rainbow High Contrast			
FLIR Tools for PC and Mac	•	•	•	•	•	•	•	•	•	•	•
Battery Operating Time		~4	hrs			>4hrs		>4	4hrs	>2.5 hrs	>2.5 hrs
Built-in Digital Camera	640 x 480			3.1 MP			3.1 MP		5 MP		
Built-in Illuminator LED	_	_	_	_	•	•	•	•	•	•	•
Touchscreen	_	_	_	_	•	•	•	•	•	•	•
Digital Zoom	_	_	_	_	2×	4	l×	4x	8×	4×	8x
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	ble PIP		Scalable &	Moveable	
Thermal/Visual Fusion	_	_	_	_	_	_	_	•	•	•	•
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)						1.94 lbs (0.88 kg)			s (0.88 kg)		
v voigi io (ii ioiddii ig ballori y)	1.27 lbs (0.575 kg)				1.34 ibs (U.88 kg)			1.94 lbs (0.88 kg) 2.87 lbs (1.3 kg)			



^{*}The thermal images shown are for illustrative purposes only, and may not have been taken by the camera series depicted.

