NDTKALA.co
Non-Destructive Test (NDT) Equipment
تامین تجهیزات و مواد مصرفی تست های غیر مخرب ایران
۰۹۱۲۰۲۴۶۲۷۰ | ۰۲۱-۷۱۰۵۲۸۸۸

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 quick 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 must-have tools that can help you help companies and homeowners significantly improve uptime and comfort, and reduce costs, while you increase your marketability.

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 x 240 thermal imagery of the E8.*
- **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 one-handed operation yet tough enough to stow with the rest of your tools.*

Reporting Software Included

USB Output for Fast Image Downloads

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.

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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 x 60)	10,800 (120 x 90)	19,200 (160 x 120)	76,800 (320 x 240)	19,200 (160 x 120)	43,200 (240 x 180)	76,800 (320 x 240)	76,800 (320 x 240)		307,200 (640 x 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		<0.045°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"/Landscape		4.3"/Landscape (Widescreen)	
Auto Orientation	—	—	—	—	•	•	•	—	—	—	—
MSX® Thermal Image Enhancement	•	•	•	•	•	•	•	•	•	•	•
Viewfinder	—	—	—	—	—	—	—	—	—	—	•
Measurement Modes	Spot (center) mode	2 modes: 1 Spot (center); 1 Area Box (Min/Max)	3 modes: 1 Spot (center); 1 Area Box (Min/Max); Isotherm (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: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° x 34°				25° x 19°			25° x 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			
Continuous Auto Focus	—	—	—	—	—	—	—	—	—	—	•
Min. Focus Distance	1.6 ft. (0.5m)				1.31 ft (0.4 m)			1.31 ft (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			>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	—	—	—	—	2x	4x		4x	8x	4x	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	Scalable 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)	1.27 lbs (0.575 kg)				1.94 lbs (0.88 kg)			1.94 lbs (0.88 kg)		2.87 lbs (1.3 kg)	

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