

Part Number	AC144	AC145	AC146	AC148
Model Number	FLIR E4	FLIR E5	FLIR E6	FLIR E8
				

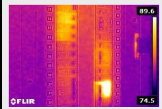
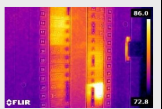
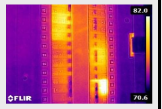
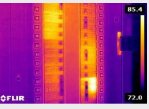
Imaging and Optical Data				
IR Resolution	80 × 60	120 × 90	160 × 120	320 × 240
MSX Resolution	320 × 240			
Thermal Sensitivity	<0.15°C	<0.10°C	<0.06°C	
Field of View	45° × 34°			
Focus	Focus Free			
Detector	Uncooled Microbolometer			
Screen	3.0 in. 320 × 240 color LCD			
Frame Rate	9 Hz			

Analysis				
Image Modes	IR image, visual image, MSX, thumbnail gallery	IR image, visual image, MSX, picture-in-picture, thumbnail gallery		
Multi Spectral Dynamic Imaging (MSX)	IR image with enhanced detail presentation			
Picture-in-Picture	N/A	IR area on visual image		
Temperature Range	-4° F to 482°F (-20° to 250°C)			
Accuracy	±2% or 2°C			
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)	
Alarm	N/A	N/A	Blue below or red above set temperature	
Emissivity Correction	Variable from 0.1 to 1.0			

Set-Up	
Color Palettes	Iron, Rainbow, and Gray
Set-up Commands	Local adaptation of units, language, date and time formats

Image Storage	
Storage Capacity	Internal memory store at least 500 sets of images
Storage Mode	Simultaneous storage of images in IR, visual and MSX
File Formats	Standard JPEG, 14-bit measurement data included

Other	
Battery Type / Op Time	~4 hours
Dimensions / Weight	/ 1.27 lbs (0.575 kg)
Drop	2 meter / 6.6 ft
Warranty	10 Year Detector/5 Year Battery/2 Year Parts & Labor

Sample Imagery				
Thermal Image Sample				

Part Number	AC134	AC135	AC136
Model Number	FLIR E40 bx	FLIR E50 bx	FLIR E60 bx
			

Imaging			
IR Resolution	160 × 120 pixels	240 × 180 pixels	320 × 240 pixels
MSX Resolution	320 × 240		
Thermal Sensitivity	< 0.045°C		
Accuracy	±2°C or ±2% of reading		
Temperature Range	-4°F to 248°F (-20°C to 120°C)		
Video Camera w/Lamp	3.1 MP		
Lens Options	Standard: 25°; Optional: 15° Tele, 45° Wide		
Zoom	2x Continuous Digital	4x Continuous Digital	
Focus	Manual		

Uncooled Microbolometer	x	x	x
Color LCD Touch Screen	3.5" (320 x 240)		
Multi Spectral Dynamic Imaging (MSX)	IR image with enhanced detail presentation		
Picture-in-Picture	Fixed	Scalable	
Fusion	N/A		
Laser Spot	x	x	x
Video Out	Composite		
Frame Rate	60 Hz		

Analysis			
Moveable Spots#	3		
Box Areas	3		
Delta T#	x	x	x
Insulation Alarm	x	x	x
Dewpoint Alarm	x	x	x

Annotation			
Voice	x	x	x
Text	x	x	x

File Storage			
Radiometric JPG to SD Card	x	x	x
MPEG4 Video Recording	x	x	x

Other			
Wi-Fi to Apple & Android Mobile Devices	x	x	x
MeterLink	x	x	x
Instant Report	N/A		
FLIR Tools	x	x	x
Battery Type/Op Time	Li Ion, 4 hours operating time		
Dual-bay Charger & Spare Battery	Optional	Included	
Weight	1.82 lbs (0.825 kg) including lens		
Warranty	10 Year Detector/5 Year Battery/2 Year Parts & Labor		

Optional Accessories			
	15° and 45° lenses, sunshield, tripod adapter, cigarette lighter adapter kit, Bluetooth headset, and more		

Part Number	AC130
Model Number	FLIR i7
	

Imaging	
Resolution	140 × 140 pixels
Total Pixels	19,600
Thermal Sensitivity	< 0.1° C
Accuracy	+/-2% or 2° C
Temperature Range	-4°F to 482°F (-20°C to 250°C)
Field of View	29° × 29°
Focus	Focus Free
Detector	Uncooled Microbolometer
Screen	2.8" Color LCD
Frame Rate	9 Hz
Emissivity	0.1 to 1.0 Adjustable

Analysis	
Thermal Palettes	Iron, Rainbow, Gray
Measurement Modes	Spot (center); Area (min. & max.); Isotherm (above/below)

File Storage	
File Type	Radiometric JPG (>5,000)

Other	
Battery Type / Op Time	Li-Ion / >5 hrs
Charging System	In-Camera Charger with AC Adapter; 3 hrs to 90%
Dimensions / Weight	8.8" x 3.1" x 3.3" (223 x 79 x 85 mm) / 12.8 oz
Drop	2 m (6.6 ft)
Shock	25 g, IEC 60068-2-29
Vibration	2 g, IEC 60068-2-6
Warranty	10 Year Detector/5 Year