


FLIR E5 Infrared Camera Specifications

Model Number	FLIR E5
	
Imaging and Optical Data	
IR Resolution	120 × 90
MSX Resolution	320 × 240
Thermal Sensitivity	<0.10°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
Multi Spectral Dynamic Imaging (MSX)	IR image with enhanced detail presentation
Picture-in-Picture	N/A
Temperature Range	0° to 150°C (Standard Range is -20°C to +250°C (-4°F to +482°F))
Accuracy	±5% or 5°C, whichever is greater, at 25°C (77°F) nominal (Standard Accuracy is ±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (+50°F to 95°F) and object temperature above +0°C (+32°F))
Measurement Modes	2 modes: 1 Spot (center); 1 Area Box (Min/Max)
Alarm	N/A
Emissivity Correction	Variable from 0.1 to 1.0