



彼岸 PEIPOINT

FLIR EX-SERIES

EX-SERIES INFRARED CAMERA

Easy-to-Use Troubleshooting Tool - Weighs only 575g

FLIR EX-SERIES FEATURES

- Thermal Sensitivity up to 0.10°C
- Wide-angle lens provides large coverage
- Easy-to-Use Focus Free Lens
- Outstanding accuracy $\pm 2\%$
- Extremely rugged, withstand 2m drop
- Long battery life lasts >4 hours
- MSX Image Enhancement

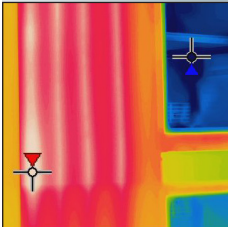
POCKET SIZED AND LIGHTWEIGHT



LARGE 3.0" DISPLAY



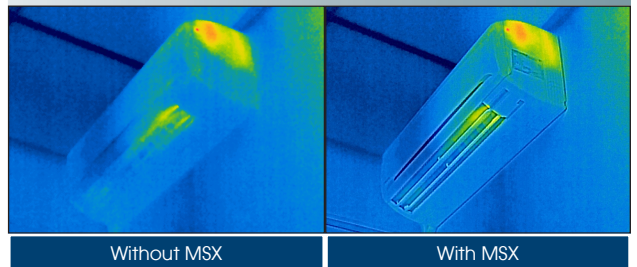
AUTO HOT/COLD SPOT MARKER (E5 only)



FULLY AUTOMATIC (POINT & SHOT)



MSX - MULTI SPECTRAL DYNAMIC IMAGING



Without MSX

With MSX

PROPERTY MANAGEMENT AND PREDICTIVE MAINTENANCE



WIDE RANGE OF APPLICATIONS SEE WHAT YOU CANNOT SEE

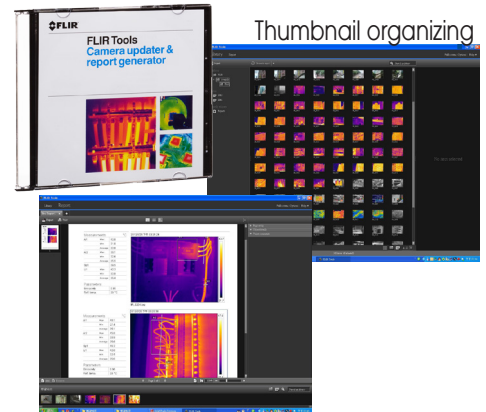
FLIR Ex-Series Specifications

	E4	E5
IR Resolution	80 x 60 pixels	120 x 90 pixels
Thermal sensitivity	<0.15°C	<0.10°C
Measurement modes	Center spot	Center spot and Area Box (Min/Max with markers)
Imaging Performance		
Spectral range	7.5-13 μm	
Field of view (FOV)	45° x 34°	
Image frequency	9 Hz	
Focus	Focus free	
Detector type	Focal Plane Array (FPA), uncooled microbolometer	
Image presentation		
Image modes	IR image, visual image, MSX, thumbnail gallery	
Multi Spectral Dynamic Imaging (MSX)	IR image, with enhanced detail presentation	
Display	3.0" 320 x 240 color LCD	
Image adjustment	Automatic adjust/lock image	
Measurement		
Object temperature range	-20°C to +250°C (-4°F to +482°F)	
Accuracy	±2°C (±3.6°F) or ±2% of reading	
Measurement analysis		
Emissivity correction	Variable from 0.1 to 1.0	
Emissivity table	Emissivity table of predefined materials	
Reflected apparent temperature correction	Automatic, based on input of reflected temperature	
Set-up		
Color palettes	Black and white, iron and rainbow	
Set-up commands	Local adaptation of units, language, date and time formats	
Storage of images		
Type	Internal memory, 500 sets of IR & visual image	
File format	Standard JPEG, 14-bit measurement data included	
Data communication interfaces		
Interfaces	USB Micro: Data transfer to and from PC and Mac device	
Power system		
Battery type	Rechargeable Li Ion battery	
Battery voltage	3.7 V	
Battery operating time	4 hours, display shows battery status	
Charging system	2.5 hours to 90% capacity in camera. 2 hours in charger.	
AC operation	AC adaptor 90-260 VAC input, 5 VDC output to camera	
Power management	Automatic shut-down	
Environmental Data		
Operating temperature range	-15°C to +50°C (+5°F to +122°F)	
Storage temperature range	-40°C to +70°C (-40°F to +158°F)	
Humidity (operating and storage)	IEC60068-2-30 / 24 h 95% relative humidity	
Bump	25 g (IEC 60068-2-29)	
Vibration	2 g (IEC 60068-2-6)	
Drop	2 m (6.6 ft.)	
Encapsulation	IP 54 (IEC 60529)	
Physical Data		
Dimensions	244 x 95 x 140 mm (9.6 x 3.7 x 5.5 in.)	
Weight	575g (1.27 lb.)	
Certifications		
Certification	UL, CSA, CE, PSE and CCC	

Camera includes:

Hard transport case
Infrared camera
Battery (inside camera)
USB cable
Power supply/charger with EU, UK, US and AU plugs
User documentation CD-ROM
Calibration certificate (traceable to NIST)
FLIR Tools download card

FLIR Tools™ Software (PC or Mac)



Data Analyzing and Report generation

The **FREE** software that fulfill all your needs on all kind of inspection reports!

FLIR Tools Mobile



The **FREE** Mobile app allows you to view and analyze your thermal images on your mobile devices, providing a perfect tool for generating reports at any time and any place.



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