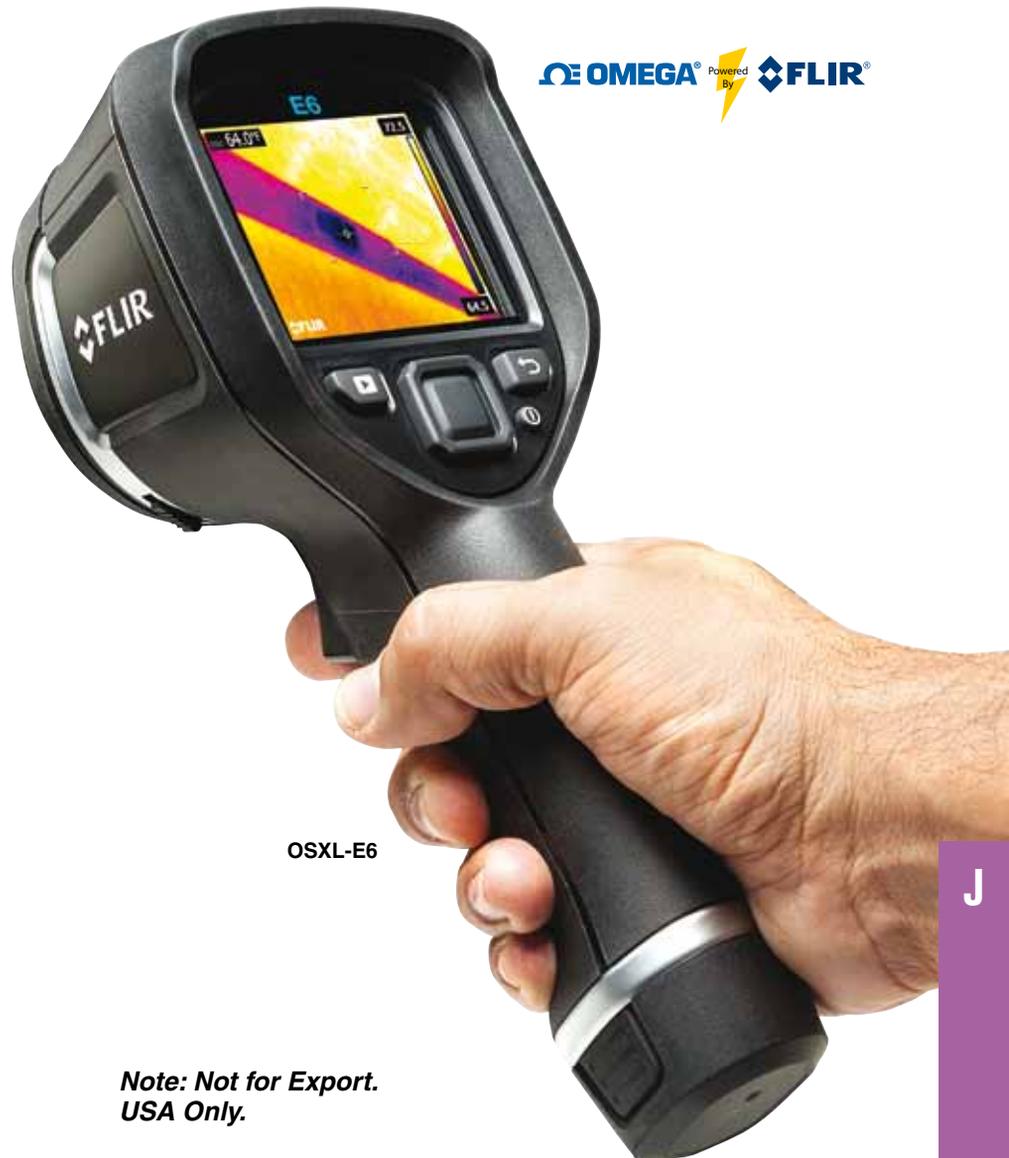


Compact Infrared Cameras With Thermal, Visible, and MSX® Imaging



OSXL-EX Series



OSXL-E6

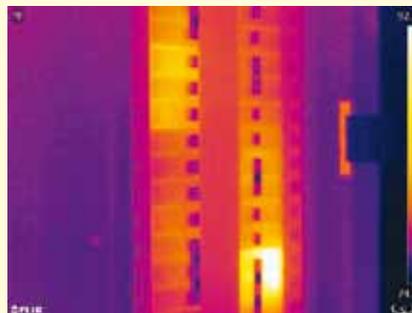
- ✓ 76 mm (3") Color LCD Display
- ✓ Easy-to-Use, Weighs Only 0.58 kg (1.2 lb)
- ✓ 2% Accuracy
- ✓ Radiometric jpg File Format
- ✓ Swappable Li-Ion Battery with 4-Hour Life
- ✓ Spot Measurement Mode
- ✓ Simultaneous Storage of IR/Visual/MSX Images
- ✓ Picture-in-Picture Image (E5, E6 and E8)
- ✓ Area Box Measurement Mode (E5, E6 and E8)
- ✓ FLIR Tools Reporting and Analysis Software Included
- ✓ Temperature Range from -20 to 250°C (-4 to 482°F)
- ✓ Variable Emissivity and Reflected Temperature Parameters for Detection Accuracy

*Note: Not for Export.
USA Only.*

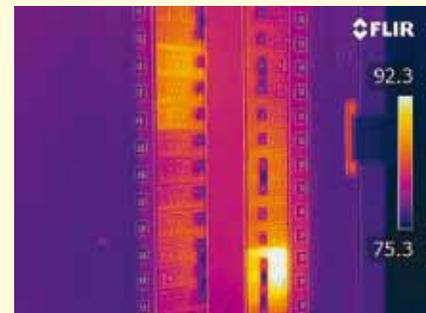
Now you can afford the ultimate inspection tool. Gain the competitive advantage and take care of more customers. Blow them away with dramatic MSX thermal images that clearly reveal problems from sources of energy loss, moisture intrusion and structural issues to overheating electrical and mechanical equipment.

MSX® Thermal Image Enhancement

MSX adds key details from the onboard visible light camera to the entire infrared image in real time. The result: an all-in-one thermal picture with numbers, labels, and other structural features intact so you'll instantly recognize where the heat issue is.



Panel without MSX



Panel with MSX



The Power of One Button

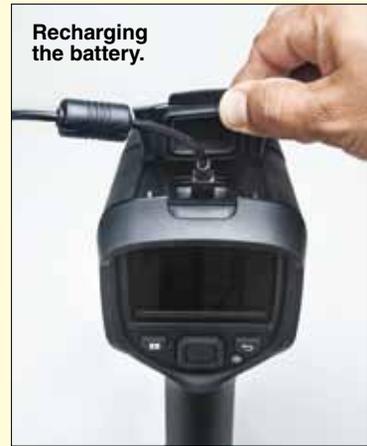
A focus-free lens and simple button navigation to on-screen settings, imaging modes, measurement tools, and saved JPEGS make all four of these cameras amazingly easy to operate, even with just the press of a single gloved thumb.

Removable Battery

Quick-release, tool-type Li-ion battery is easy to remove, recharge and snap back in. Charge in-camera or with the optional charging station to keep you up and running all day.



Removable battery.

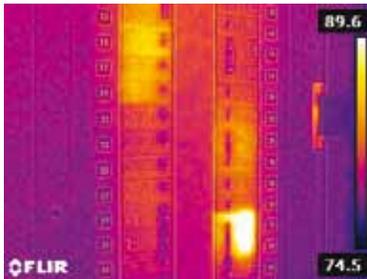


Recharging the battery.

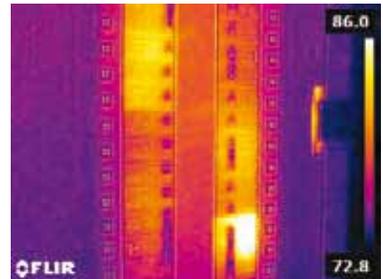
Affordable Resolution Choices

From the 4800-pixel thermal image clarity of the E4 to the E8's incredible 320x240 detector with 76,800 pixels, new FLIR OSXL-EX Series cameras offer a resolution to fit the target size, working distance, and detail required for your application as well as your budget.

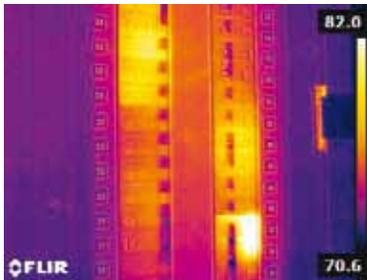
Compare camera resolutions



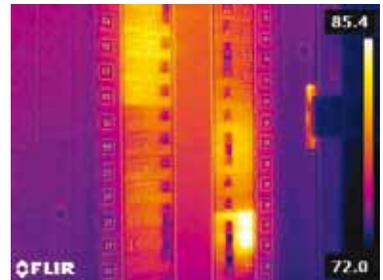
OSXL-E4



OSXL-E5



OSXL-E6



OSXL-E8



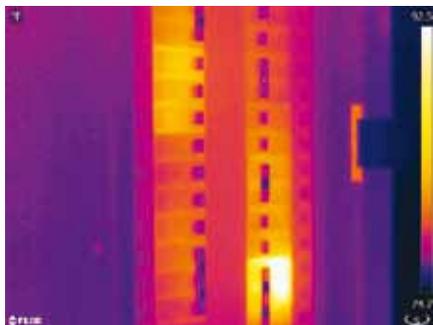
OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

Fast Temperature Measurement Tools

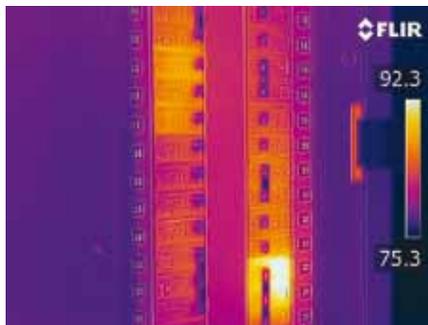
The E4 on up feature an on-screen center spotmeter for measuring temperatures. The E5, E6, and E8 also give you an area box tool with an automatic hot or cold spot that hunts down temperature extremes. And the E6 and E8 provide a blue-below and red-above color alarm to quickly alert you to heat issues.

Multiple Imaging Modes

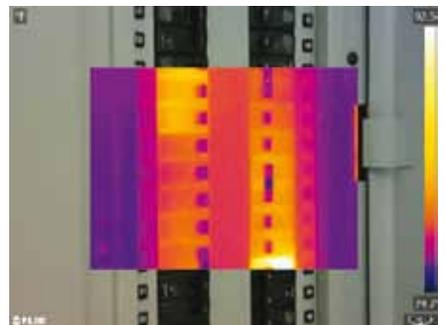
All OSXL-EX Series cameras let you view thermal, visual, and MSX images and store them simultaneously for further analysis using FLIR Tools software. The E6 and E8 also offer Picture-in-Picture that inserts the thermal image over the visible photo as an extra documentation option.



Thermal Only



Thermal with MSX



Picture-in-Picture



All models shown smaller than actual size.

Specifications

Model No.	OSXL-E4	OSXL-E5	OSXL-E6	OSXL-E8
Imaging and Optical Data				
IR Resolution	80 x 60	120 x 90	160 x 120	320 x 240
MSX Resolution	320 x 240			
Thermal Sensitivity	<0.15°C	<0.10°C	<0.06°C	
Field of View	45° x 34°			
Focus	Focus-free			
Detector	Uncooled microbolometer			
Screen	76 mm (3.0"), 320 x 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	–		IR area on visual image	
Temperature Range	-20 to 250°C (-4 to 482°F)			
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	–	–	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/Operation Time	Swappable Li-ion battery/4 hours			
Dimensions/Weight	244 x 95 x 140 mm (9.6 x 3.74 x 5.5")/0.58 kg (1.27 lb)			
Drop	2 m (6.6')			



OSXL-E5

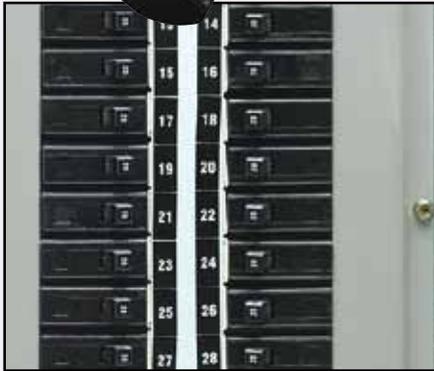


OSXL-E8

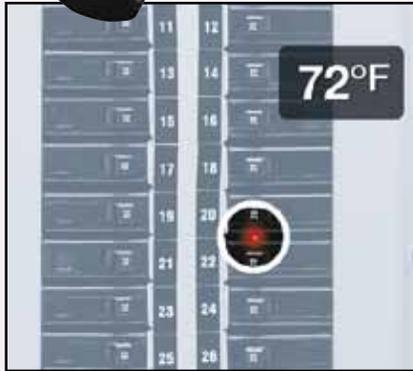
Why Thermal Imaging?

While spot infrared thermometers present only a single temperature at a single spot, these Thermal Imaging Cameras give you the whole picture, equal up to 76,800 spots! (OSXL-EX)

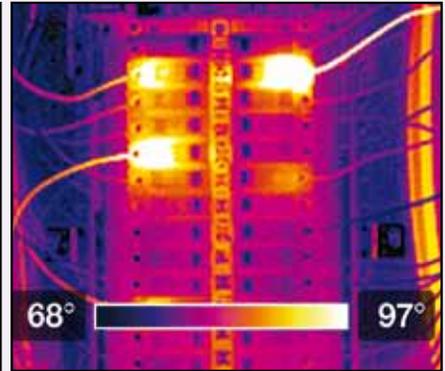
Thermal imaging is the most effective method for finding problems or potential problems in a variety of applications across many fields. If you are new to thermography and need a general purpose thermal imaging camera for troubleshooting, the OSXL-EX Series is perfect for you! They are fully loaded with thermal imaging functions at a fraction of the price of a professional grade camera.



What the human eye sees



What an infrared thermometer sees



What a thermal imaging camera sees

To Order

Model No.	Description
OSXL-E4	FLIR E4 compact thermal imaging infrared camera with MSX enhancement (80 x 60)
OSXL-E4-NIST	FLIR E4 with certificate traceable to NIST
OSXL-E5	FLIR E5 compact thermal imaging infrared camera with MSX enhancement (120 x 90)
OSXL-E5-NIST	FLIR E5 with certificate traceable to NIST
OSXL-E6	FLIR E6 compact thermal imaging infrared camera with MSX enhancement (160 x 120)
OSXL-E6-NIST	FLIR E6 with certificate traceable to NIST
OSXL-E8	FLIR E8 compact thermal imaging infrared camera with MSX enhancement (320 x 240)
OSXL-E8-NIST	FLIR E8 with certificate traceable to NIST

Accessories

Model No.	Description
T198529	Pouch case
T198530	Replacement battery
T198531	External battery charger
T198532	Car charger
T198534	Power supply/charger with EU, UK, US and AU plugs
T198533	USB cable
T198528	Hard transport case

Comes complete with FLIR thermal imaging camera, hard transport case, FLIR Tools™ download card, battery (OSXL-E8 2X), battery charger (OSXL-E8 only), power supply/charger with EU, UK, US and Australian plugs, USB cable, printed and CD-ROM operator's manual.