

INSPECT.
DOCUMENT.
SHARE.

Compact Thermal Camera

FLIR Cx-Series

MAXIMIZE EFFICIENCY WITH PROFESSIONAL FEATURES

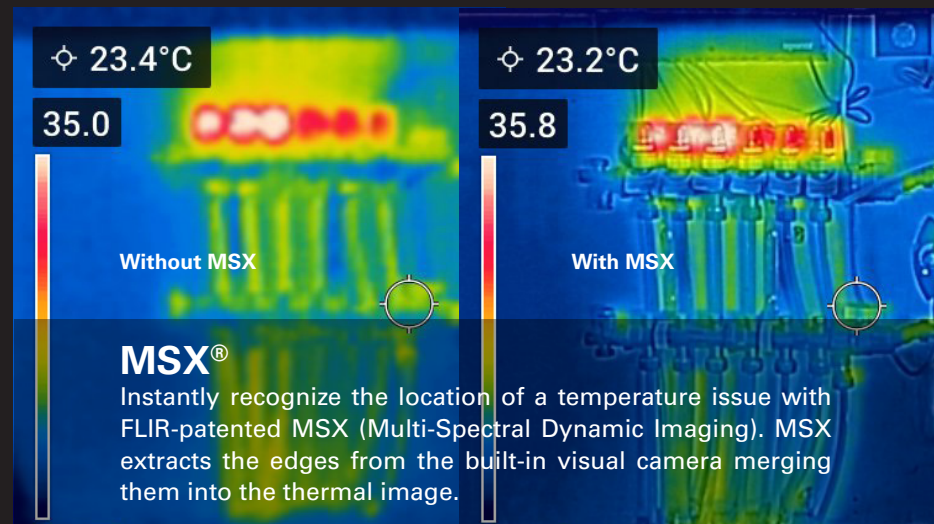
With a FLIR Cx-Series camera in your pocket, you'll be ready anytime to find hot fuses, air leaks, plumbing issues, and more. Both C5 and C3-X camera models are packed with professional features that make it easier to inspect and find hidden problems, document issues, and share results with customers.

The FLIR C3-X is the entry-level camera in the series featuring 128 x 96 (12,288 pixel) thermal resolution. The FLIR C5 offers an expanded feature set including a powerful 160 x 120 (19,200 pixel) resolution thermal imager, video streaming, zoom capabilities, 1-Touch Level/Span, and a higher temperature range.



FLIR Ignite™ cloud connectivity

Upload data directly to FLIR Ignite to conveniently store, organize, and back up images.



MSX®

Instantly recognize the location of a temperature issue with FLIR-patented MSX (Multi-Spectral Dynamic Imaging). MSX extracts the edges from the built-in visual camera merging them into the thermal image.



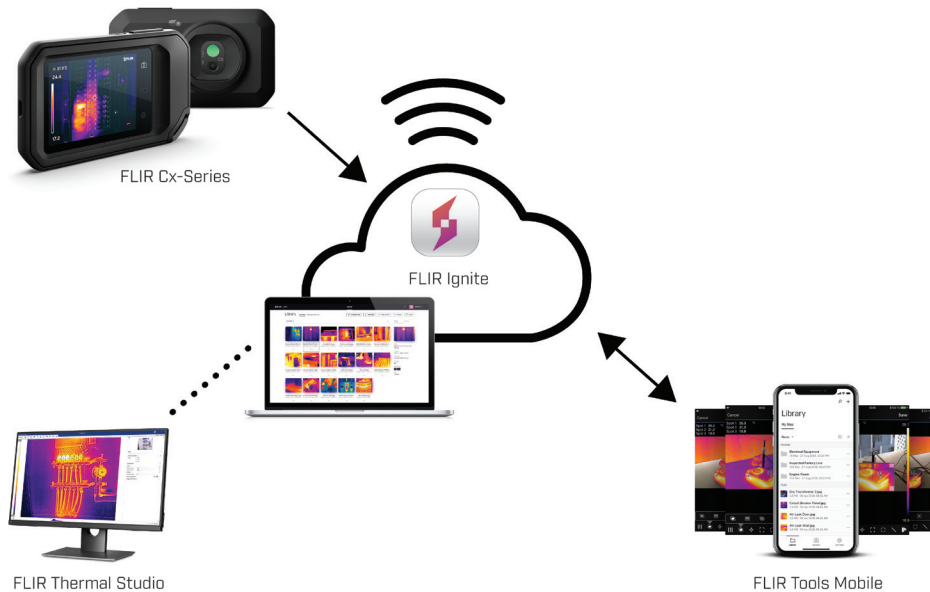
1-Touch Level/Span*

Save time on manual thermal adjustments using 1-Touch Level/Span, which auto-adjusts the level and span in an area of interest, with a single touch.

*C5 model only

SHARE RESULTS INSTANTLY

Spend less time on analysis and reporting. Show clients or decision-makers existing faults or potential problems discovered during a thermal inspection to quickly get the “go-ahead” to begin on repairs.



Two convenient reporting software solutions:

FLIR Thermal Studio

Efficient Analysis and Reporting Software for PC

- Optimize images (color, level/span, MSX alignment), adjust measurement parameters, and perform simple image analysis
- Generate professional reports quickly—more than 100 pages in less than a minute—based on custom templates

FLIR Tools Mobile

Mobile App for iOS® and Android™ devices

- Quickly import, edit, and analyze images
- Produce simple reports on the go

SPECIFICATIONS

FLIR Cx-Series	C3-X	C5
IR sensor	128 × 96 (12,288 pixels)	160 × 120 (19,200 pixels)
Object temperature range	-20 to 300°C (-4 to 572°F)	-20 to 400°C (-4 to 752°F)
Zoom	No	Yes
Image adjustments	Automatic level and span, Manual level and span	Automatic level and span, Manual level and span, 1-Touch Level/Span
Streaming	No	USB Video Class colorized uncompressed with overlay
Notes (text)	Soft keyboard on touchscreen	Soft keyboard on touchscreen Auto-prompt for note when image is saved
Field of view (FOV)		54° × 42°
Thermal sensitivity/NETD		<70 mK
Image frequency		8.7 Hz
Focus		Focus free
Spectral range		8 to 14 μm
Screen size		3.5 in
Visual camera		5 MP
Display resolution		640 × 480
Image modes		Infrared image, Visual image, MSX (Embossed visual details on thermal image), Picture-in-picture (IR area on visual image)
FLIR Ignite™ cloud connectivity		Yes
Data communication interface		Wi-Fi, Bluetooth® PAN, USB-C
Battery operating time		4 hours

For complete, up-to-date specifications and warranty information visit www.flir.com/C5 and www.flir.com/C3-X

FLIR's world-class Infrared Training Center (ITC) offers thermography certification courses around the world and online.

For more information visit: www.infraredtraining.com

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