



# FLIR C3<sup>®</sup>

## Powerful, Compact Thermal Imaging System

The FLIR C3 is a full-featured, pocket-sized thermal camera designed to be your go-to tool, whether your work is building inspections, facilities maintenance, HVAC, or electrical repair. Keep it on you so you're ready anytime to find hot fuses, cold air leaks, plumbing issues, and more.

The C3's must-have features include MSX<sup>®</sup> real time image enhancement, area maximum or minimum temperature measurement, and Wi-Fi connectivity – so you can quickly get to the job of finding hidden problems, sharing images, and documenting repairs.

### POCKET PORTABLE – PRO FEATURES

*Slim and sturdy enough to keep in your pocket, but with the advanced features you need to find potential problems, confirm repairs, and share the evidence with your client or boss.*

- Light, slim profile fits comfortably in any work pocket
- Brilliant 3" intuitive touch screen with auto orientation for easy viewing
- Wi-Fi enabled for instant peer-to-peer image sharing
- Area measurement box measures hottest or coldest spot (max./min.)

### FULLY RADIOMETRIC

*Save thermal image JPEGs instantly, then conveniently adjust and analyze them later with FLIR Tools to isolate temperature measurements on any pixel and create convincing reports.*

- MSX<sup>®</sup>-enhanced thermal images provide stunning detail to help you identify problem areas easier
- Radiometric image stores 4800 pixels capable of capturing thermal measurements from -10°C to 150°C (14°F to 302°F)
- High thermal sensitivity detects subtle temperature differences common in building applications

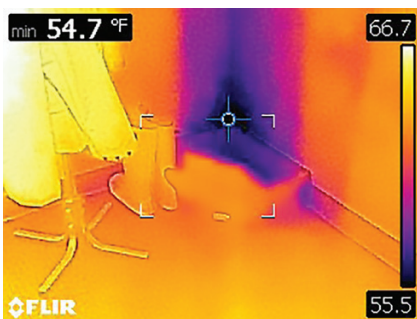
### EASILY AFFORDABLE

*Affordable MSRP helps get this powerful tool into the hands of the people who can use it every day.*

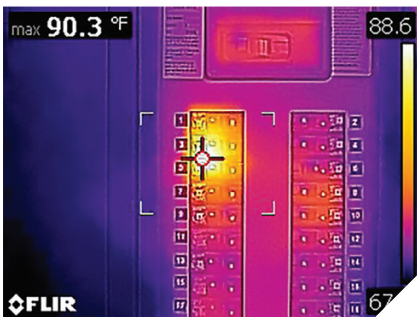
- FLIR Tools professional reporting software included – the industry standard in thermal image post analysis
- Streaming video via FLIR Tools, a feature not usually available on low-cost thermal camera systems
- FLIR's unique 2-10 warranty, covering parts and labor for two years and the detector for ten



Upload images to FLIR Tools over Wi-Fi



Area box with Cold Spot demonstrates air infiltration



Area box with Hot Spot demonstrates electrical fuse is active

## Specifications

Overview		C3
IR Sensor	80 x 60	
Thermal Sensitivity/NETD	< 0.10°C	
Field of View (FOV)	41°x 31°	
Minimum Focus Distance	Thermal: 0.15 m (0.49 ft) MSX®: 1 m (3.3 ft)	
Image Frequency	9 Hz	
Focus	Focus free	
Spectral Range	7.5 - 14.0 µm	
Digital Camera	640 x 480 pixel	
Digital Camera Focus	Fixed focus	
Image Presentation		
Image Modes	Thermal, visual, MSX®, Picture-in-Picture	
Image Gallery	Yes	
MSX®	Adds visual details to full resolution thermal image	
Color Palettes	Iron, Rainbow, Rainbow HC, Gray	
Auto Orientation	Yes	
Touch Screen	Yes, capacitive	
Measurement & Analysis		
Object Temperature Range	-10°C to 150°C (14°F to 302°F)	
Accuracy	±2°C (±3.6°F) or ±2%, whichever is greater, at 25°C (77°F) nominal	
Spotmeter	On/Off	
Area	Box with max. or min.	
Emissivity Correction	Yes; matte/semi-matte/semi-glossy + custom value	
Measurement Correction	Emissivity, Reflected apparent temperature	
Image Storage and Streaming		
Storage Media	Internal memory, at least 500 sets of images	
Image File Format	Standard JPEG with 14-bit measurement data included	
Non-Radiometric IR Video Streaming	Yes	
Visual Video Streaming	Yes	
Communication and Connectivity		
Communication Interfaces	Wi-Fi, USB	
Wi-Fi	Peer-to-peer (ad hoc) or infrastructure (network)	
USB 2.0	USB Micro-B connector type: data transfer to and from PC	
Additional Information		
Battery Type	Rechargeable Li-ion polymer battery	
Battery Operating Time	2 hours	
Charging System	Charged inside camera	
Charging Time	1.5 hours	
External Power Operation	AC adapter, 90-260 VAC input - 5 V output to camera	
Operating Temperature Range	-10°C to 50°C (14°F to 122°F)	
Storage Temperature Range	-40°C to 70°C (-40°F to 158°F)	
Weight	0.13 kg (0.29 lbs)	
Dimensions	125 x 80 x 24 mm (4.9 x 3.1 x 0.94 in)	
System Includes		
Box Contents	Infrared camera, lanyard, pouch, power supply/charger, tripod mount, USB cable, printed documentation	

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.flir.com](http://www.flir.com)

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