FLIR C3 ®

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® 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®-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.
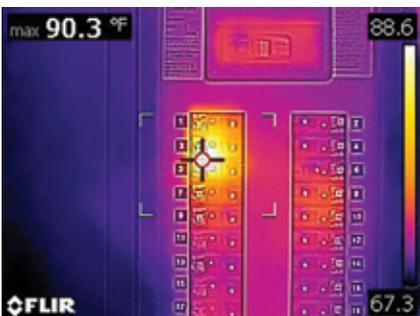
- FLIR Tools professional reporting software included — the industry standard in thermal image post analysis

- 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

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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

FLIR C3 with Tripod Mount & Carry Pouch

www.flir.com/c3

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