



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

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

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