



FLIR C2

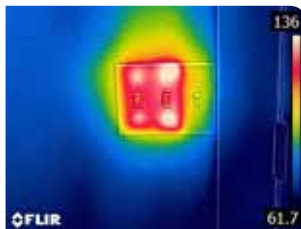
Powerful, compact thermal imaging system

The FLIR C2 is the world's first full-featured, pocket-sized thermal camera designed for building industry experts and contractors. Keep it on you so you're ready anytime to find hidden heat patterns that signal energy waste, structural defects, plumbing issues and more. The C2's must-have features include MSX® real time image enhancement, high sensitivity, a wide field of view, and fully radiometric imagery to clearly show where problems are and verify the completion of repairs.

Pocket portable.

Keep it on you and at your side, ready for immediate use so you don't miss an opportunity

- Light, slim profile fits comfortably in any work pocket
- Brilliant 3" intuitive touch screen with auto orientation for easy viewing
- Built-in LED spotlight you can use as a flashlight and for photo illumination



Hot overloaded dimmer switch



Warm drain pipe in wall



Uninsulated outside wall

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
- A wide FOV frames what pros need to see and high thermal sensitivity detects subtle temperature differences common in building applications

Easily affordable.

Affordable MSRP fits everyone's budget to help put this powerful tool into the hands of more people who can really use it

- 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

Imaging specifications

Imaging and optical data	
IR sensor	80 × 60 (4,800 measurement pixels)
Thermal sensitivity	<0.10°C
Field of view	41° × 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 μm
3" Display (color)	320 × 240 pixels
Auto orientation	Yes
Touch screen	Yes, capacitive
Image presentation modes	
Thermal image	Yes
Visual image	Yes
MSX	Yes
Gallery	Yes
Measurement	
Object temperature range	−10°C to +150°C (14 to 302°F)
Accuracy	±2°C (±3.6°F) or 2%, whichever is greater, at 25°C (77°F) nominal
Measurement analysis	
Spotmeter	On/off
Emissivity correction	Yes; matte/semi/glossy + user set
Measurements correction	Reflected apparent temperature Emissivity
Set-up	
Color palettes	Gray, Iron, Rainbow, Rainbow HC
Storage media	Internal memory store at least 500 sets of images
Image file format	Standard JPEG, 14-bit measurement data included
Video streaming	
Non-radiometric IR-video streaming	Yes
Visual video streaming	Yes
Digital camera	
Digital camera	640 × 480 pixels
Digital camera, focus	Fixed focus
Additional information	
USB, connector type	USB Micro-B: Data transfer to and from PC, iOS and Android
Battery	3.7 V Rechargeable Li-ion polymer battery
Battery operating time	2 h
Charging system	Charged inside the camera
Charging time	1.5 h
External power operation	AC adapter, 90–260 VAC input 5 V output to camera
Power management	Automatic shut-down
Operating temperature range	−10°C to +50°C (14 to 122°F)
Storage temperature range	−40°C to +70°C (−40 to 158°F)
Weight (incl. battery)	0.13 kg (0.29 lb.)
Size (L × W × H)	125 × 80 × 24 mm (4.9 × 3.1 × 0.94 in.)
System includes	
Infrared camera Battery (inside camera) Lanyard Power supply/charger with EU, UK, US, CN and Australian plugs Printed Getting Started Guide USB memory stick with documentation USB cable	



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USA-NASHUA

FLIR Systems, Inc.
9 Townsend West
Nashua, NH 03063
USA
PH: +1 866.477.3687

USA-PORTLAND
Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

EUROPE

FLIR Systems
Luxemburgstraat 2
2321 Meer
Belgium
PH: +32 (0) 3665 5100

CHINA-SHANGHAI

FLIR Systems Co., Ltd.
K301-302, No 26 Lane
168, Daduhe Road,
Putuo District, Shanghai
200062, P.R.China
PH: +86-21-5169 7628

UNITED KINGDOM

FLIR Systems UK
2 Kings Hill Av. - Kings Hill
West Malling
Kent
ME19 4AQ
United Kingdom
Tel.: +44 (0)1732 220 011
Fax: +44 (0)1732 843 707
E-mail: flir@flir.com

www.flir.com
NASDAQ: FLIR

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