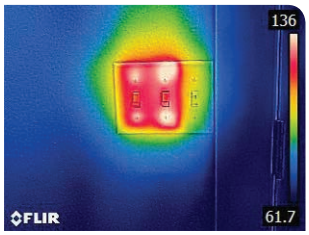
FLIR C2

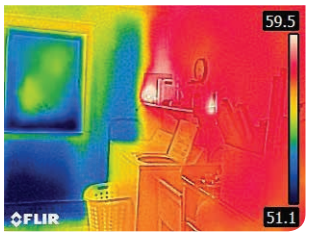
Powerful, Compact Thermal Imaging System

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.



Hot Overloaded Dimmer Switch

Warm Drain Pipe in Wall



Uninsulated Outside Wall

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

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.

Sub-$700 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: 1.0 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
Measurments correction	Reflected apparent temperature Emissivity
Set-up	
Color palettes	Iron, Rainbow, Rainbow HC, Gray
Storage media	Internal memory stores 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	

Covers parts and labor for two years and the detector for ten.