

FLIR C2

POWERFUL POCKET-PORTABLE
THERMAL IMAGING



POWERFUL THERMAL IMAGING RIGHT IN YOUR POCKET

The FLIR C2 is the world's first full-featured, pocket-sized thermal camera designed especially for building applications. Carry it on you so you're ready anytime to find and show heat patterns that point out energy waste, structural defects, plumbing clogs, HVAC issues, and other invisible trouble spots.

The C2's must-have features include MSX® real time thermal image enhancement, high sensitivity, a wide field of view, and fully radiometric imagery to show you and your customers exactly where problems are.

KEY BENEFITS:

- Carry it on you, ready to go
- Sees heat issues that your eyes alone can't
- Auto orientation for easy viewing
- MSX detail for seeing numbers, labels and more
- Captures temperatures from -10°C to 150°C (14°F to 302°F)
- Saves radiometric JPEGs to help make your case
- Free FLIR Tools analysis and reporting software
- Affordable MSRP to fit anyone's tool budget

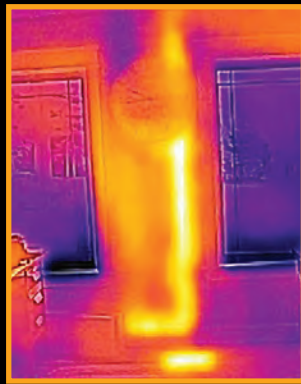


KEY FEATURES

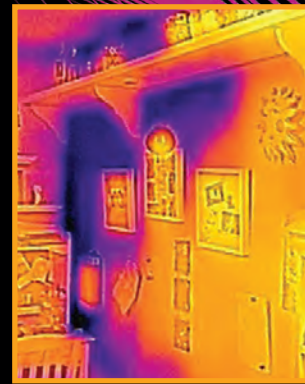
- 1 Light, slim profile
- 2 Bright 3" touchscreen
- 3 Built-in LED work light & flash
- 4 Big snapshot button stores thermal, visible, and MSX in each JPEG
- 5 Easy-access on-off button powers up fast
- 6 USB Micro-B file & data transfer
- 7 Visible camera
- 8 Thermal camera
- 9 Intuitive user interface



Roof Inspections



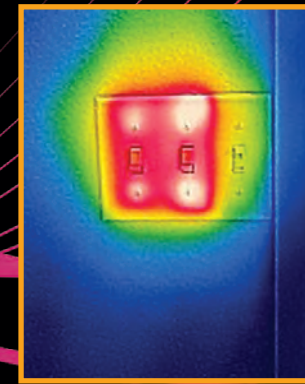
Warm Pipe in Wall



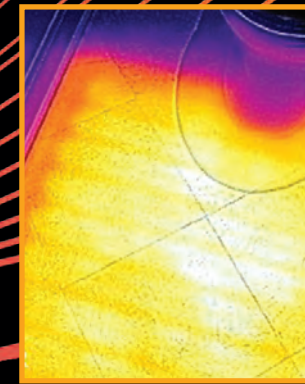
Missing Insulation



Pocket-Portable



Electrical Hot Spots



Radiant Floor Heating



HVAC Troubleshooting

Imaging Specifications

Imaging and Optical Data	
IR resolution	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
Measurements correction	Reflected apparent temperature Emissivity
Set-up	
Color palettes	Iron, Rainbow, Rainbow HC, Gray
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	Power supply/charger with EU, UK, US, CN & Australian plugs
Battery (inside camera)	USB memory stick with documentation
Lanyard	USB cable
Printed Getting Started Guide	

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