

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

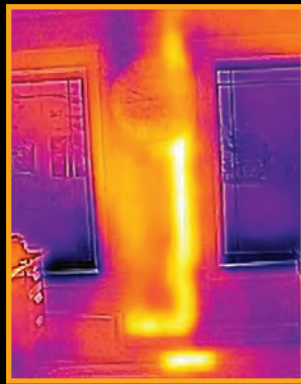


KEY FEATURES

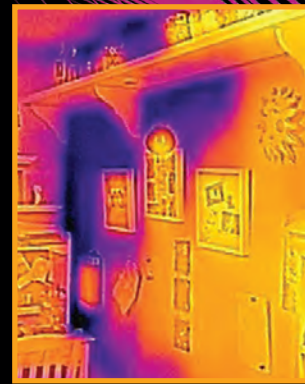
- 1 Light, slim profile
- 2 Bright 3" touchscreen
- 3 Built-in LED work light & flash
- 4 Big snapshot button stores thermal, visible, and MSX in each JPEG
- 5 Easy-access on-off button powers up fast
- 6 USB Micro-B file & data transfer
- 7 Visible camera
- 8 Thermal camera
- 9 Intuitive user interface



Roof Inspections



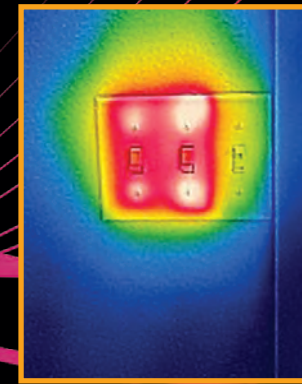
Warm Pipe in Wall



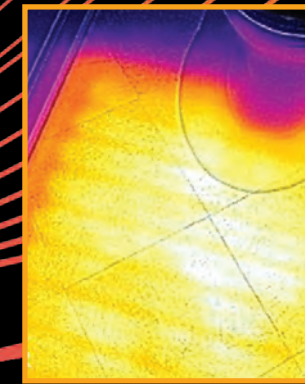
Missing Insulation



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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