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

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

Warm Drain Pipe in Wall
Hot Overloaded Dimmer Switch
Uninsulated Outside Wall

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### Imaging Specifications

#### Imaging and Optical Data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR sensor</td>
<td>80 x 60 (4,800 measurement pixels)</td>
</tr>
<tr>
<td>Thermal Sensitivity</td>
<td>&lt;0.10°C</td>
</tr>
<tr>
<td>Field of view</td>
<td>41° x 31°</td>
</tr>
<tr>
<td>Minimum focus distance Thermal</td>
<td>0.15 m (0.49 ft.)</td>
</tr>
<tr>
<td>Minimum focus distance MSX</td>
<td>1.0 m (3.3 ft.)</td>
</tr>
<tr>
<td>Image frequency</td>
<td>9 Hz</td>
</tr>
<tr>
<td>Focus</td>
<td>Focus free</td>
</tr>
<tr>
<td>Spectral range</td>
<td>7.5–14 µm</td>
</tr>
<tr>
<td>3” Display (color)</td>
<td>320 x 240 pixels</td>
</tr>
<tr>
<td>Auto orientation</td>
<td>Yes</td>
</tr>
<tr>
<td>Touch screen</td>
<td>Yes, capacitive</td>
</tr>
</tbody>
</table>

#### 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 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 x 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 x W x H): 125 x 80 x 24 mm (4.9 x 3.1 x 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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