

**COMPACT THERMAL CAMERA****FLIR C5™**

The FLIR C5 compact thermal camera is your go-to tool for building inspections, facilities maintenance, HVAC/R, electrical repair, and other troubleshooting applications. Featuring a thermal camera, visual inspection camera, and LED flashlight, the powerful FLIR C5 makes it easy to identify hidden problems. Built-in FLIR Ignite™ cloud connectivity allows direct data transfer, storage, and backup, so images are always available on all your devices. The 3.5 inch integrated touchscreen is simple to use, so you can quickly inspect, document repairs, and share evidence with customers. With the FLIR C5 in your pocket, you'll be ready anytime to find hot fuses, air leaks, plumbing issues, and more.

[www.flir.com/C5](http://www.flir.com/C5)

**FIND AND TROUBLESHOOT**

Quickly find hidden faults and reduce diagnostic time with this powerful, professional tool

- Identify and troubleshoot problems faster with the 160 × 120 true thermal imager and 5-megapixel visual camera
- Save time on manual thermal adjustments using 1-Touch Level/Span, which auto-adjusts the level and span in an area of interest with one touch
- Instantly recognize the location of a temperature issue with FLIR MSX® (Multi-Spectral Dynamic Imaging), which uses scene details from the built-in visual camera and embosses them onto the full thermal image

**DOCUMENT AND SHARE**

Pinpoint and communicate potential issues faster

- Upload directly to FLIR Ignite to conveniently store, organize, and back-up images
- Identify and describe potential issues by adding annotations to images
- Share findings easily and securely by sending a password-protected link via email
- Provide customers professional reports with images that document problems and repairs using preferred software, such as FLIR Thermal Studio

**RUGGED, RELIABLE, AND COMPACT**

Take the portable, affordable C5 with you to every job – it's the perfect tool for every person on your team

- IP54 enclosure provides a high level of protection against dust and water
- Designed to withstand a 2 m (6.6 ft) drop
- Carry the compact C5 in your pocket or stow easily in a crowded tool bag
- See into dark, difficult-to-reach areas with the help of the bright LED flashlight

## SPECIFICATIONS

Overview		Image Storage & Streaming	
IR sensor	160 x 120 (19,200 pixels)	Storage media	Internal memory and onboard FLIR Ignite cloud connectivity (with Wi-Fi)
Thermal sensitivity/NETD	<70 mK	Image storage capacity	>5000 images
Field of view (FOV)	54° x 42°	Image file format	Standard JPEG, 14-bit measurement data included
Minimum focus distance	<ul style="list-style-type: none"> <li>Thermal: 0.1 m (3.94 in)</li> <li>MSX®: 0.3 m (11.8 in)</li> </ul>	Communication & Connectivity	
Image frequency	8.7 Hz	Wi-Fi®	802.11 a/ac/b/g/n (2.4 and 5 GHz)
Focus	Focus free	USB	USB 2.0, Type-C connector
Spectral range	8–14 µm	Bluetooth®	PAN
Screen size	3.5 in	Image upload	Directly upload images to FLIR Ignite cloud library and services
Visual camera	5 MP	Additional Information	
Digital camera focus	Fixed	Battery type	Rechargeable built-in Lithium ion battery
Image Presentation		Battery operating time	4 hours
Image adjustment	<ul style="list-style-type: none"> <li>Automatic level and span</li> <li>Manual level and span</li> <li>1-Touch level and span</li> </ul>	Charging system	USB-C (1 A)
Image modes	<ul style="list-style-type: none"> <li>Infrared image</li> <li>Visual image</li> <li>MSX (Embossed visual details on thermal image)</li> <li>Picture-in-picture (IR area on visual image)</li> </ul>	Charging time	2 hours
Gallery	Thumbnails and custom folder structure	External power operation	5 V, USB-C
Color palettes	<ul style="list-style-type: none"> <li>Iron</li> <li>Gray</li> <li>Rainbow</li> <li>Arctic</li> <li>Lava</li> <li>Rainbow HC</li> </ul>	Operating temperature range	-10 to 50°C (14 to 122°F)
Screen rotation	Yes	Storage temperature range	-40 to 70°C (-40 to 158°F)
Touchscreen	Capacitive touch	Encapsulation	Camera housing and lens: IP54 (IEC 60529)
Measurement & Analysis			
Object temperature range	-20 to 400°C (-4 to 752°F)	Drop test	Designed for 2 m (6.6 ft)
Accuracy	<p>At ambient temp, 15 to 35°C (59 to 95°F) and object temp. above 0°C (32°F)</p> <p>0 to 100°C (32 to 212°F): ±3°C (±5.5°F)</p> <p>100 to 400°C (212 to 752°F): ±3%</p>	Weight (including battery)	0.19 kg (0.42 lb)
Measurement functions	<ul style="list-style-type: none"> <li>Spot</li> <li>Box with max./min.</li> </ul>	Size (L x W x H)	138 x 84 x 24 mm (5.4 x 3.3 x 0.94 in)
Measurement correction	<ul style="list-style-type: none"> <li>Emissivity: matt/semi-matt/semi-gloss + custom value</li> <li>Reflected apparent temperature</li> <li>Atmospheric compensation</li> </ul>	Tripod mounting (built-in)	UNC 1/4"-20

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.flir.com](http://www.flir.com)



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