

FLIR C5 Compact Thermal Imaging Camera



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+

€649^{.00}

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Qty 1+	€649,00 each
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Product Downloads

Measurement Tools:	
Spotmeter; box with min./max	
Standard Measurement Temperature (°C):	
-20 to 400°C (-4 to 752°F)	
Spectrum:	
Thermal	

General	
Operating Lifetime (hours):	
4 hours	
Model Number:	

Cx Series	
54° × 42°	Field of View (°):
Contents of Kit: Thermal Camera, USB Cable, Wrist Strap Lanyard, Carrying Pouch, Printed Documentation	
Operating Modes: Infrared image, Visual image, MSX, Picture-in-picture (IR area on visual image)	
Physical & Mechanical Properties	
138 x 84 x 24 mm (5.4 x 3.3 x 0.94 in)	Dimensions (mm):
0.19 kg (0.42 lb)	Weight (g):
Accuracy (%): At ambient temp. 15 to 35°C (59 to 95°F) and object temp. above 0°C (32°F), 0 to 100°C (32 to 212°F): ±3°C (±5.5°F), 100 to 400°C (212 to 752°F): ±3%	
2 m (6.6 ft)	Drop Test:
Optical Properties	
5 MP	Resolution:
8–14 μm	Spectral Range:
Focus free	Focus Range (mm):
Iron, Gray, Rainbow, Arctic, Lava, Rainbow HC	Color:
Performance	
160 × 120 (19,200 pixels)	Thermal Resolution (Pixels):
Thermal: 0.1 m (3.94 in), MSX: 0.3 m (11.8 in)	Minimum Focus Distance (m):
Electrical	
8.7 Hz	Frequency (Hz):
<70 mK	Sensitivity (W ²):
120	Charging Time (minutes):
Rechargeable built-in Lithium ion battery	Battery Type:
Hardware & Interface Connectivity	
USB-C (1 A)	Connector:
Threading & Mounting	
Tripod: UNC ¼"-20 (built-in)	Mount:
Environmental & Durability Factors	
-10 to 50°C (14 to 122°F)	Operating Temperature (°C):
-40 to 70°C (-40 to 158°F)	Storage Temperature (°C):
Camera housing and lens: IP54 (IEC 60529)	Environmental Rating:
Additional Info	
Measurement Correction: Emissivity, matte/semi-matte/semi-gloss + custom value, Reflected apparent temperature, Atmospheric compensation	
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Compact, Lightweight Thermal Imagers for Field Use
- Touchscreen Interface with Built-in Flashlight and Point-and-Shoot Operation
- Durable, Drop-Tested, and Waterproof Design
- Wi-Fi for fast Sharing and Reporting

The FLIR CxSeries delivers compact, easy-to-use thermal imaging for industrial inspections, maintenance, and troubleshooting. With touchscreen operation, built-in flashlights, and rugged, drop-tested designs, these cameras are built for durability and fast on-the-job use. The C3-X(128 × 96 resolution) offers an affordable option for quick diagnostics and basic troubleshooting, while the C5 (160 × 120 resolution) provides greater image detail and higher temperature range for more advanced inspections. Both models feature built-in Wi-Fi for quick image sharing and reporting directly from the field. Lightweight, portable, and simple to operate, the CxSeries is ideal for technicians who need reliable thermal imaging that fits easily into daily workflows.

Mdel	C3-X	C5
Resolution	128 × 96 (12,288 pixel)	160 x 120 (19,200 pixel)
Temp Range	-20 to 300°C (-4 to 572°F)	-20 to 400°C (-4 to 752°F)
Thermal sensitivity	<0.07°C	<0.07°C

Accuracy: At ambient temp. 15°C to 35°C (59°F to 95°F) and object temp. above 0°C (32°F), 0°C to 100°C (32°F to 212°F): ±3°C (±5.5°F); 100°C to 300°C (212°F to 572°F): ±3%

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