Flir C8

320×240 resolution with 35º Horizontal FOV	5 MP visual camera with digital zoom	Easy-to-use 3.5" touchscreen	Wireless communication	Streamlined workflow

ENHANCING COMPACT THERMAL DIAGNOSTICS WITH HIGH-CLARITY, FAST RESULTS

▼40%

Cut labor and downtime costs with up to 40% more efficient electrical inspections. The C8's high-resolution thermal imaging and connected workflows help teams identify faults faster and act sooner, reducing costly outages and unplanned repairs.

50%

Up to 50% faster building inspections compared to traditional methods. By delivering sharp thermal detail and easy-to-use reporting tools, the C8 streamlines inspections for greater productivity.

20%-40%

Save 20–40% of reporting time with Flir Ignite integration. Automatic cloud uploads and advanced report templates eliminate manual steps, so technicians can focus on problem-solving instead of paperwork.
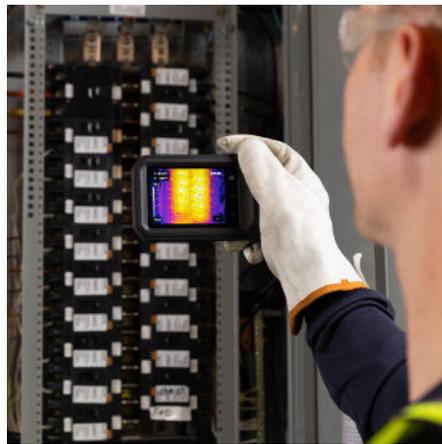
What is Flir C8?

Traditional thermal inspections can be slow, unclear, and hard to document, relying on manual processes and risking missed issues. These inefficiencies lead to higher maintenance costs, delayed repairs, and reduced productivity. The Flir C8 solves these challenges with a rugged, easy-to-use form factor that puts powerful high-resolution thermography into your hands, ensuring accurate, efficient, and standardized inspections anywhere you need them.

Flir C8 is a next-generation compact thermal imaging camera designed to deliver faster, clearer, and more reliable inspections. Featuring 320 × 240 thermal resolution with MSX® detail enhancement, the C8 captures sharp thermal images for accurate diagnostics. Integrated Flir Ignite cloud connectivity and advanced reporting templates streamline workflows, save time, and support easy collaboration.

◆FLIR®

Enhanced thermal image quality

Cloud integration for streamlined workflow

Compact, rugged design

Key values

Reliable, Faster Inspections
Identify issues quickly and with confidence thanks to a high resolution, high thermal sensitivity, and isotherm alarming that support consistent, repeatable results.

Seamless Cloud Integration
Images automatically upload to Flir Ignite for secure storage, easier access, and standardized reporting, reducing manual steps and data loss.

Simplified Reporting
Prebuilt inspection templates within Ignite Pro accelerate analysis and documentation, making it easy to share findings with teams or clients.

Compact and Rugged Design
A durable, easy-to-handle form factor meets industrial standards for drop and ingress protection, ensuring the C8 is ready for demanding environments.

Flir C8
320 × 240 IR Resolution
+/- 2°C @ 0°C -450°C Accuracy
450°C Max Object Temperature
NETD <50 mK Sensitivity
35° Horizontal Field of View
5 MP Visual Camera
IP54 Rated
2 m Drop Test

Key applications

Electrical and Mechanical Maintenance
Quickly detect electrical faults and mechanical issues in industrial plants, commercial facilities, and utilities to prevent downtime and extend equipment life.

Building Diagnostics
Perform thorough inspections of electrical systems, HVAC components, plumbing, and structural elements to identify hidden problems and improve building performance.

Vehicle Inspections
Easily inspect engines, exhaust systems, and other hard-to-reach automotive components to detect wear and potential failures before they escalate.

For technical or sales support, please visit: www.support.flir.com/C8

What can C8 do for you?

Deliver faster, clearer diagnostics: Capture sharp thermal images with MSX® detail to quickly identify issues, even in hard-to-access areas.

Streamline inspections and reporting: Automatically upload images to Flir Ignite for secure cloud storage and use purpose-built templates to speed documentation and sharing.

Cut reporting time by up to 40%: Connected workflows reduce manual paperwork so technicians spend more time solving problems, not managing files.

Simplify training and usage: The compact, rugged design and intuitive interface empower users at all skill levels to perform expert-level inspections.

Work confidently anywhere: Built to withstand tough environments with a durable form factor, the C8 is ready for demanding industrial, building, and vehicle inspections.

Integrate seamlessly with your workflow: Combine thermal insights with other data sources through Flir Ignite for a comprehensive view of asset health and maintenance needs.

Scan the code or visit flir.com/C8

◆FLIR®