Compact, High-Resolution Thermal Camera - FLIR C8

FLIR C8 Compact Thermal Camera

The **FLIR C8 is** a **compact thermal imaging camera** designed for professionals seeking a portable, accurate, and quick-to-deploy solution for their field inspections.

It is suitable for maintenance operations, building diagnostics, electrical inspections, mechanical checks, or detecting thermal anomalies in a system. Its compact size makes it easy to carry during fieldwork, while still offering superior image quality compared to the more basic models in the lineup.

High thermal resolution for more accurate inspections

With its thermal resolution of **320 × 240 pixels**—equivalent to **76,800 measurement points**—the FLIR C8 provides a detailed thermal image to better visualize temperature variations.

This resolution makes it easier to identify abnormal heat, insulation defects, electrical anomalies, heating issues, leaks, or malfunctions. It allows for clearer documentation of conditions observed during professional inspections.

A Clear Thermal Image Thanks to FLIR MSX® Technology

The **FLIR C8** features **FLIR MSX®** technology, which adds visual details to the thermal image to better distinguish contours, shapes, and observed features.

Combined with a **5-megapixel** visual camera, this technology makes it easier to interpret images and readings, especially when you need to precisely locate an area to inspect or share an anomaly with a team, a client, or a technical support department.

A Compact Tool for Building Maintenance and Diagnostics

The **FLIR C8 18801-0101** is suitable for routine inspections in industrial maintenance, building maintenance, electrical work, plumbing, HVAC, and equipment inspection. It allows you to quickly identify areas requiring further

investigation.

Its measurement range can reach up to **450 °C**, depending on operating conditions. It also features useful functions such as hot and cold spot measurement, isothermal alarms, and multiple display modes to tailor the reading to the situation being observed.

Wi-Fi Connectivity and Storage with FLIR Ignite™

The camera features **Wi-Fi** connectivity, allowing you to transfer, save, and organize images via **FLIR Ignite™.** This makes it easier to retrieve inspection files after a job is completed.

This feature simplifies report creation, inspection tracking, and the sharing of thermal images with relevant teams.

Why Choose the FLIR C8?

The **FLIR C8 18801-0101** is an ideal solution for professionals seeking a **compact, high-performance, and accurate thermal camera**. Its **320 × 240-pixel** thermal resolution, **MSX®** technology, **5-megapixel** visual camera, and **Wi-Fi** connectivity **with FLIR Ignite™** make it a reliable tool for routine inspections.

It stands out from simpler models with a more detailed thermal image, which helps pinpoint anomalies, document findings, and improve efficiency during on-site diagnostics.

Frequently Asked Questions About the FLIR C8 Thermal Camera

What is the difference between the FLIR C8 and the FLIR C5?

The **FLIR C8** offers a higher thermal resolution of **320 × 240 pixels**, compared to **160 × 120 pixels** for the FLIR C5. It therefore provides a more detailed image for thermal inspections and diagnostics.

What applications is the FLIR C8 thermal camera suitable for?

The **FLIR C8 18801-0101** is suitable for maintenance inspections, building diagnostics, electrical inspections, mechanical inspections, plumbing, HVAC, or detecting thermal anomalies in a system.

Does the FLIR C8 allow you to save inspection images?

Yes, **Wi-Fi** connectivity allows images to be transferred and stored via **FLIR Ignite™**, making it easier to organize, track, and share files after a job is completed.