

portable Thermal Camera - FLIR E5 PRO



portable FLIR E5 Pro Thermal Camera

The **FLIR E5 Pro** is a **portable thermal imaging camera** designed to assist professionals with diagnostics, checks, and field inspections. Its handheld design offers a comfortable grip for routine maintenance, construction, electrical, or mechanical work.

It allows users to quickly identify temperature anomalies that may indicate overheating, poor insulation, an electrical fault, a mechanical issue, or an area requiring further investigation.

portable 's thermal camera for professional inspections

With a thermal resolution of **160 × 120 pixels**—equivalent to **19,200 measurement points**—the FLIR E5 Pro provides a thermal image suitable for routine inspections. It is complemented by a **5-megapixel** visual camera, which is useful for combining thermal information with a visible image that is easier to interpret.

The camera offers several display modes, including **Thermal**, **MSX®**, **Picture-in-Picture**, and **digital camera**, to adapt the view to the situation being observed. Its measurement range can reach **400 °C**, depending on operating conditions.

A clearer image thanks to FLIR MSX® technology

FLIR MSX® technology adds visual details to the thermal image to better distinguish contours, shapes, and observed features. This facilitates the precise identification of an area to be inspected, particularly during quick inspections or on-site diagnostics.

This image enhancement allows for better documentation of detected anomalies and makes the findings easier to understand when shared with a team, a client, or a technical department.

Touchscreen, Wi-Fi, and Simplified Inspection Reports

The **FLIR E5 Pro** features a **3.5-inch** color touchscreen designed to simplify navigation and image analysis. Thermal images can be organized, annotated, and analyzed more easily after the inspection.

Thanks to **Wi-Fi** connectivity and **FLIR Ignite™** cloud storage, inspection images can be quickly saved, retrieved, and shared. Compatibility with **FLIR Thermal Studio** also makes it easier to create reports for tracking inspections.

A Practical Tool for Maintenance and Diagnostics

The **FLIR E5 Pro** is suitable for industrial maintenance inspections, building diagnostics, electrical inspections, mechanical inspections, HVAC inspections, or thermal anomaly detection in facilities.

It offers up to **4 hours** of battery life, making it ideal for inspection rounds or routine service calls. Its “portable” design makes it a reliable tool for professionals seeking a simple, connected, and quickly deployable thermal imaging solution.

Why choose the FLIR E5 Pro?

The **FLIR E5 Pro 13301-0101** is an ideal solution for professionals seeking a **portable, connected, and easy-to-use thermal camera**. It combines **160 × 120-pixel** thermal resolution, **MSX®** technology, a **5-megapixel** visual camera, a touchscreen, and **Wi-Fi** connectivity **with FLIR Ignite™**.

It allows you to effectively detect, document, and track thermal anomalies, while making it easier to organize images and prepare inspection reports.

Frequently Asked Questions About the FLIR E5 Pro Thermal Camera

What is the FLIR E5 Pro thermal camera suitable for?

The **E5 Pro thermal camera** is suitable for building diagnostics, electrical inspections, mechanical inspections, maintenance operations, HVAC, or thermal anomaly detection in a facility.

What is the thermal resolution of the FLIR E5 Pro?

The **FLIR E5 Pro** has an infrared resolution of **160 × 120 pixels**—or **19,200 measurement points**—to detect temperature variations during field inspections.

Can the FLIR E5 Pro be used to create inspection reports?

Yes, **Wi-Fi** connectivity **with FLIR Ignite™** makes it easy to save and share images. Compatibility with **FLIR Thermal Studio** also makes it easier to create inspection reports.