

Compact ATEX Thermal Camera - FLIR Cx5



FLIR Cx5 89401-0203 Compact ATEX Thermal Camera

The **FLIR Cx5 89401-0203** is an **ATEX-certified thermal imaging camera** designed for professional inspections in sensitive industrial environments. It is designed for use in areas where the presence of gases, vapors, or dust may pose a risk of an explosive atmosphere.

Its compact size allows it to be easily integrated into the equipment used by maintenance, operations, or inspection teams. It is a suitable solution for inspecting facilities, detecting abnormal heat buildup, and quickly documenting thermal anomalies.

A thermal camera certified for explosive environments

The **FLIR Cx5** is designed to facilitate thermal inspections in a wide range of high-risk industrial environments, including chemical, oil, and gas sites, as well as water treatment facilities.

Its certification for explosive environments allows for on-site inspections using equipment adapted to the safety constraints associated with gases, vapors, and dust. It thus helps professionals perform regular thermal surveys of their equipment while minimizing the challenges associated with using devices not suited for these areas.

A clear thermal image for quickly identifying anomalies

With a thermal resolution of **160 × 120 pixels**—equivalent to **19,200 measurement points**—the FLIR Cx5 allows users to visualize temperature variations on the equipment being inspected. It is particularly useful for detecting overheating, mechanical defects, electrical hot spots, or operational anomalies.

FLIR MSX® technology enhances the clarity of the thermal image by adding visual details from the real-world image. Contours, shapes, and observed features are easier to identify, making it simpler to interpret readings during field inspections.

A compact, rugged, and easy-to-use tool

The **FLIR Cx5 89401-0203** features a **3.5-inch** color touchscreen designed for quick and easy operation. Its compact size makes it easy to carry during inspection rounds or on-site work.

Its rugged design is suited for field conditions: it has an **IP54** rating for protection against dust and water splashes, as well as drop resistance tested up to **2 meters**. It also includes an LED light, useful for inspections in dimly lit areas.

Wi-Fi Connectivity and Storage with FLIR Ignite™

The camera features **Wi-Fi** connectivity, allowing images to be transferred and saved via **FLIR Ignite™**. This makes it easier to store, organize, and retrieve files after an inspection.

This feature makes it easier to track inspections, prepare reports, and share thermal images with a team, a maintenance department, or a site manager.

Battery Life Suited for Inspection Rounds

The **FLIR Cx5** runs on a built-in rechargeable lithium-ion battery. It offers up to **4 hours** of battery life and recharges via **USB-C** in about **2 hours**.

This battery life allows for efficient use during routine checks, maintenance inspections, or spot checks on industrial equipment.

Why choose the FLIR Cx5 89401-0203?

The **FLIR Cx5 89401-0203** is an ideal solution for professionals seeking a **compact, rugged, and ATEX-certified thermal camera**. It combines the ease of use of a portable camera with FLIR's thermal image quality and a design suited for sensitive industrial environments.

It is an excellent choice for teams working at chemical, oil, gas, and industrial sites, or in areas where equipment must meet specific safety requirements.

Frequently Asked Questions About the FLIR Cx5 ATEX Thermal Camera

Is the FLIR Cx5 suitable for explosive environments?

Yes, the **FLIR Cx5 89401-0203** is designed to perform thermal inspections in sensitive industrial environments, particularly in areas with potentially explosive atmospheres caused by gases, vapors, or dust.

What is the thermal resolution of the FLIR Cx5?

The **FLIR Cx5** thermal camera has an infrared resolution of **160 × 120 pixels**—or **19,200 measurement points**—to detect temperature anomalies on the equipment being inspected.

Does the FLIR Cx5 allow you to save inspection images?

Yes, its **Wi-Fi** connectivity allows images to be transferred and stored via **FLIR Ignite™**, making it easier to retrieve files after an inspection.

