

# FLIR A310



The FLIR A310 18mm thermal imaging camera offers an affordable and accurate temperature measurement for a variety of applications where network capabilities and compliance with network protocols are of importance. The FLIR A310 18mm thermal imaging camera comes with a 18mm standard lens providing a 25°×19° field of view and 320×240 resolution.

The FLIR A310 18mm has built-in analysis, alarm functionality and independent communication technology over the standard network protocols. The FLIR A310 18mm camera also has all the necessary features and functions to build distributed single or multi-camera solutions utilizing standard Ethernet hardware and software protocols.

## Uses

- Built-in temperature Alarm Functions, fire prevention, ship surveillance
- Industrial production control (multi camera installation).

## Features

- MPEG-4 streaming
- PoE (Power over Ethernet)
- Built-in web server

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- General purpose I/O
- 100Mbps Ethernet (100m cable, wireless, fiber, etc.)
- Synchronization through SNTP
- Composite video output
- Multi-camera utility software: FLIR IP Config and FLIR IR Monitor included
- Built-in Alarm Functions
- Extensive Analysis Functions
- 320×240 Resolution
- Field of view : 25° × 18.8° / 0.4 m
- Focus : 1.3
- Image frequency : 30 Hz
- Temperature range : -20 to +120°C (0 to +350°C)
- Accuracy : ±2°C or ±2% of reading
- Color palettes (BW, BW inv, Iron, Rain)
- Built-in memory for image storage
- File format: standard JPEG, 16-bit measurement data included
- Digital I/O, supply voltage : 12/24 VDC, max 200 mA

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