The ThermoVision CM is an industrial computer for FLIR thermal imaging cameras with built-in condition monitoring software, ideal for facilities that demand 24/7 uptime. Your company will benefit from continuous condition monitoring and hot spot detection without the need for periodic manual scans, saving money and equipment. The ThermoVision CM is open platform and can integrate with a large number of systems within security, automation, and other application areas for a future-safe investment.

Compatible with the FLIR AX8 and A310 cameras, the ThermoVision CM comes fully configured for a four or nine camera set-up.

Two-in-one temperature and video monitoring

*Combines a video management and an industrial control system to record visual and temperature data*

- Full development environment for VMS and HMI/SCADA included to adapt the appearance and functionality of your application
- Multi-screen solution for convenience monitoring live image streams and results
- Simple set-up and capability of a video wall, trending analysis, recording, and playback functionality

24/7 production without disruption

*Continuous condition monitoring and hot spot detection without the need for periodic manual scans to maximize uptime and minimize downtime*

- Makes it easy to monitor a machine or part of a process to improve production efficiency and increase operational reliability
- One user interface streamlines work and makes monitoring easy
- Quickly define events and find recorded video for a specific event by customizing alarms

Future-safe investment

*Flexible software that integrates with other systems*

- Open platform with support for ONVIF and several different protocols from leading camera manufacturers
- Features an OPC client and an integrated Modbus protocol for communicating with a large number of I/O, PLC, and other systems
- Includes easy-to-use, advanced features that significantly shorten time spent on development and commissioning of the systems

Key Features:

- Compatible with FLIR AX8 and FLIR A310
- Combines VMS and SCADA capabilities
- Supports up to nine cameras
- Open platform with support for ONVIF
- Integrates with other systems including IP cameras
- Powerful functions for alarms and events
## Specifications

<table>
<thead>
<tr>
<th>P/N</th>
<th>T130169</th>
<th>T130170</th>
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<tbody>
<tr>
<td>Maximum Cameras Supported</td>
<td>4</td>
<td>9</td>
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<tr>
<td>Compatible FLIR Camera Models</td>
<td>AX8, A310</td>
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### Included software
- Operating System: Windows 7 Embedded
- Video Management System (VMS): Ethiris VMS 8.0
- SCADA / PSIM: WideQuick PSIM 7.2
- Max Number of Tags: 256
- Application: Critical vessel monitoring, Condition monitoring

### System specification
- Audio: 1 x line out
- CPU: Intel Quad-Core J1900
- Memory: 8 GB
- Solid State Drive: 32 GB for OS, Ethiris VMS & WideQuick PSIM
- Video Disk Storage: 2 TB
- LAN: 2 x GbE RJ45
- USB: 2 x USB 3.0
- Display Output: 1 x HDMI, 1 x VGA

### Power system
- Power Requirements: 12-24 VDC, 40 W
- Power Unit: External PSU, 100-240 VAC / 50-60 Hz / 40 W

### Environmental data
- Operation Temperature: 5 to 40°C (41 to 104°F)
- Operation Humidity: 10% to 90%

### Physical data
- Form Factor: Desktop model
- Dimensions: 216 × 260 × 52 mm (8.50 × 10.24 × 2.05 in)
- Weight: 2.70 kg (5.95 lbs)

### Shipping Information
- Packaging Type: Cardboard box
- List of Contents: T130169 or T130170 unit, quick start guide, power supply, Schuko power cable, network cable
- Packaging Weight: 4.00 kg (8.82 lbs)
- Packaging Size: 360 x 295 x 133 mm (14.17 x 11.61 x 5.23 in)
- Country of Origin: Sweden

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Your authorized FLIR distributor:

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Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com