

FLIR ThermoVision CM

Hardware and Software Solution



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

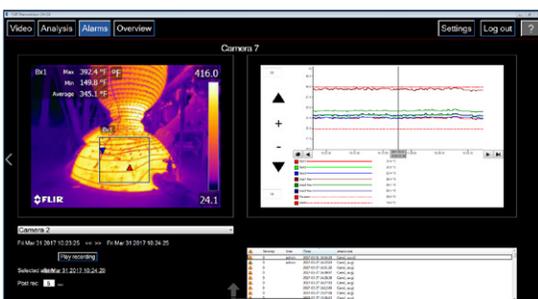
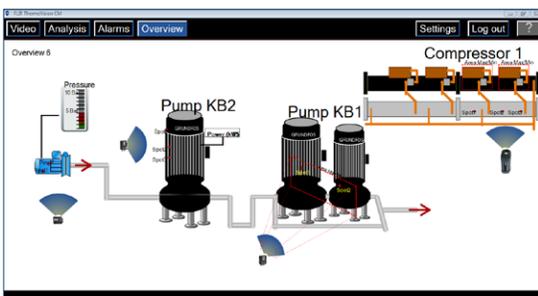
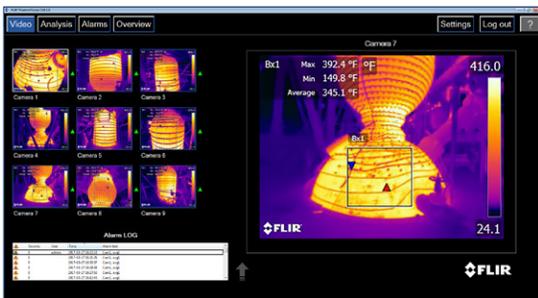
Future-safe investment

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

P/N	T130169	T130170
Maximum Cameras Supported	4	9
Compatible FLIR Camera Models	AX8, A310	
Included software		
Operating System	Windows 7 Embedded	
Video Management System (VMS)	Ethisis 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	
System Memory	8 GB	
Solid State Drive	32 GB for OS, Ethisis 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 x 260 x 52 mm (8.50 x 10.24 x 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	



FLIR Systems, Inc.
9 Townsend West
Nashua, NH 03063
USA
PH: +1 866.477.3687

PORTLAND
Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

EUROPE
FLIR Systems UK
2 Kings Hill Avenue - Kings Hill
West Malling
Kent ME19 4AQ
United Kingdom
PH: +44 (0)1732 220 011

FLIR Systems
Luxemburgstraat 2
2321 Meer
Belgium
PH: +32 (0) 3665 5100

CANADA
FLIR Systems, Ltd.
920 Sheldon Court
Burlington, ON L7L 5K6
Canada
PH: +1 800.613.0507

CHINA
FLIR Systems Co., Ltd
Rm 1613-16, Tower II
Grand Central Plaza
138 Shatin Rural Committee Rd.
Shatin, New Territories
Hong Kong
PH: +852 2792 8955

LATIN AMERICA
FLIR Systems Brasil
Av. Antonio Bardella, 320
Sorocaba, SP 18085-852
Brasil
PH: +55 15 3238 7080

www.flir.com
NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2017 FLIR Systems, Inc. All rights reserved. (07/17) 17-1700

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