

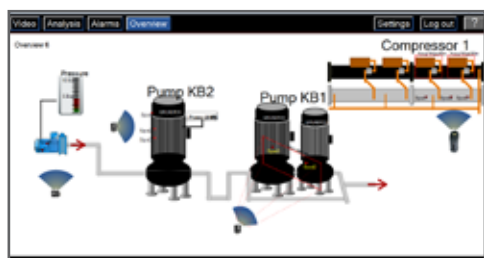


DESKTOP OR PANEL COMPUTER SOLUTION

ThermoVision CM™

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. Open platform and compatible with the FLIR AX8 and A310 cameras, ThermoVision CM integrates with a large number of security, automation, and other application systems, with options to set up as many as four or nine cameras.

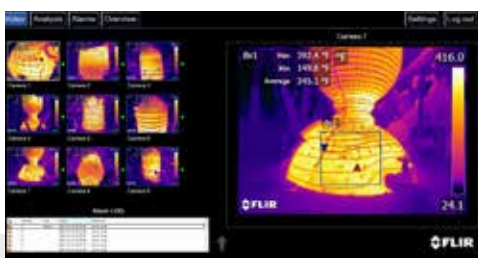
www.flir.com/products/ThermoVision-CM



TWO-IN-ONE TEMPERATURE & VIDEO MONITORING

Combines video management, industrial control systems 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 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 in the platform
- Features an OPC client and supports Modbus/TCP 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



SPECIFICATIONS

Specifications by P/N	T130169 Desktop Computer	T130170 Desktop Computer	T199713 Panel Computer	T199712 Panel Computer
Maximum cameras supported	4	9	4	9
Maximum number of tags	256	512	1024	1024
CPU	Intel Quad-Core J1900	Intel Quad-Core J1900	Intel i5	Intel i5
USB	2 × USB 3.0	2 × USB 3.0	4 × USB 3.0	4 × USB 3.0
Video disk storage	2 TB	2 TB	1 TB	1 TB
Touchscreen Display	NA	NA	15.6" touchscreen panel with 1920 × 1080 HD resolution	15.6" touchscreen panel with 1920 × 1080 HD resolution
Display output	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	3 x HDMI	3 x HDMI
Audio	1 × line out	1 × line out	1 × line out, 1 x line in	1 × line out, 1 x line in
Serial ports	NA	NA	1 x RS422/485, 3 x RS232	1 x RS422/485, 3 x RS232
Power requirements	12 – 24 V DC, 40 W	2 – 24 V DC, 40 W	24 V DC, 85 W	24 V DC, 85 W
Power unit	External PSU, 100 – 240 V AC, 50 – 60 Hz, 40 W	External PSU, 100 – 240 V AC, 50 – 60 Hz, 40 W	External PSU, 100 – 240 V AC, 47 – 63 Hz, 100 W	External PSU, 100 – 240 V AC, 47 – 63 Hz, 100 W
Operation temperature	5°C – 40°C (41°F – 104°F)	5°C – 40°C (41°F – 104°F)	0°C – 50°C (32°F – 122°F)	0°C – 50°C (32°F – 122°F)
Dimensions	216 × 260 × 52 mm (8.50 × 10.24 × 2.05 in)	216 × 260 × 52 mm (8.50 × 10.24 × 2.05 in)	429 × 278 × 119 mm (16.89 × 10.94 × 4.69 in)	429 × 278 × 119 mm (16.89 × 10.94 × 4.69 in)
Weight	2.70 kg (5.95 lb)	2.70 kg (5.95 lb)	5.70 kg (12.56 lb)	5.70 kg (12.56 lb)

Common Specifications

Operating system	Windows 7, embedded
Video management system (VMS)	Ethiris VMS 8.0
SCADA/PSIM	WideQuick 7.2
LAN	2 x GbE RJ45
Operational humidity	10 – 90%

Packaging Information

Contents	Desktop computer unit, quick start guide, power supply, Schuko power cable, network cable	Panel computer unit, quick start guide, power supply, Schuko power cables (SE, US & UK), network cable, USB (documentation & drivers), mounting details
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Key Features

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



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