FLUKE®
Process Instruments

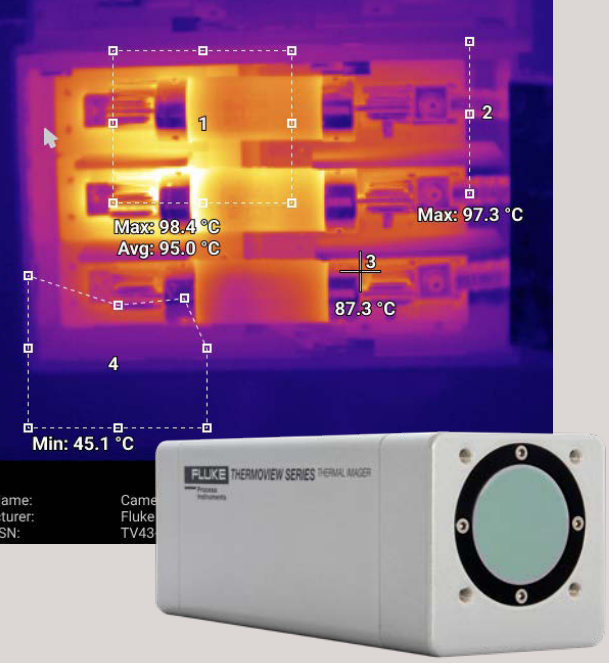
ThermoView® TV30

Thermal imaging solutions for industrial applications

Unrestricted

Resilient

Customizable



Is your business feeling the heat?

The Thermoview TV30 Thermal Imager allows you to visualize and control your industrial process applications in a way you never thought possible. Monitoring temperatures in severe environments is easier than ever before. Pinpoint problems quickly, with multiple areas of interest (AOIs) and personalization options.

With the TV30, you can detect abnormalities with flexible precision – and without the need for vulnerable computer equipment.

Powerful networking and I/O capabilities that provide a cost effective way to control your process.

Water cooling enclosure with air purge collar

Outdoor enclosure

No additional software required

Thermal imaging is more accessible than ever. With the TV30, you can set up your thermal imaging system without the restraints of being constantly connected to a personal computer. The TV30 is an edge-based device, meaning you can monitor multiple areas of interest and access onboard analytics of the fixed thermal imager through a web browser.

And set up is a headache-free process. Connect to the TV30 IP address from a remote web browser, set your parameters, and begin the tracking process.

Built to work in the harshest environments

Our rugged and reliable IP67 housing is resilient and built to last, even in the harshest environments. With an air purge, water-cooling jacket, and other accessories available, you can be sure your equipment will stand up to whatever is thrown at it.

Avoid downtime or costly repairs

Your business can't afford downtime. You need to be able to observe your equipment at any time and make sure your operations run smoothly.

Rest easy knowing your business is always running at peak efficiency! You'll never have to worry about costly repairs or downtime again. The TV30 identifies defects and can alert you when any anomalies are detected.

Reduced installation cost and space savings

The Thermoview TV30 Thermal Imager provides process control and monitoring capabilities for industrial applications. The fixed thermal imager's small footprint allows for easier installation, while multiple fieldbus options simplify integration with your existing process controllers and external devices. The TV30 is a rugged product for the industrial applications Fluke Process Instruments has been serving for years.

TV33	TV36
320 x 240 Infrared resolution	640 x 480 Infrared resolution
Spectral range 8 – 14 µm	
–10 to 1300 °C (14 to 2372 °F)	
Lens options 30° x 22° Standard 22° x 16° Telephoto 48° x 36° Wide Angle	

Automated monitoring with customizable alerts

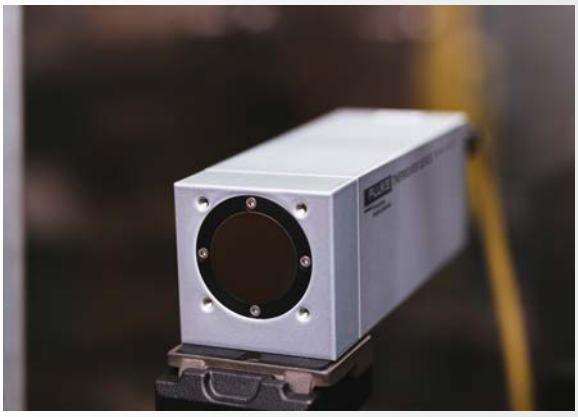
The software within the TV30 allows users to create specific parameters alerting them to anomalies or errors within that framework. No need to sit and monitor for hours – the TV30 will notify you when something goes awry. And this is all done without the need to place delicate computer hardware in harsh, unfriendly environments.

Agile Observability

In addition to the onboard I/O capability, the TV30 directly connects to external I/O connections. The user can choose multiple AOIs within a single camera – each AOI will have its parameters and alerts, allowing for significantly increased automated monitoring, observability, and security.

Ready?

Searching for a thermal imager that can provide process control and monitoring capabilities for industrial applications? Look no further than the TV30: accessible alarming and observation, process temperature archiving – without a dedicated PC.



Key Features

Imagine being able to monitor your assets at any time

The TV30 lets you view and analyze your facility's data remotely. This means you can see which assets have temperature variations at your facility and why they're changing as they are changing.

Multiple fieldbus protocols for simple integration

Integrating a system is always challenging. The right tools can save you time, money, and inconvenience. Our fieldbus protocols are designed to make integration with most PLCs simple and cost-effective. Our gateways support OPC UA and MQTT, so you can avoid needing hardware I/O devices.

Accessories to satisfy the most challenging installations

Air purge prevents condensation build-up, while water cooling dissipates heat, preventing overheating and extending the life of the TV30. A durable housing is used for extreme conditions and offers maximum protection against dust, grime, and the atmosphere.

Highlights

- Wide range of temperatures: -10 to 1300 °C (14 to 2372 °F), auto range scaling
- Image resolution: 320 x 240 (76,800 pixels) or 640 x 480 (307,200 pixels)
- Motorized remote focus
- Multiple lens options available
- LAN/Ethernet with PoE for communication with the thermal imager provide access to Ethernet, web server
- Operating temperature: -10 to 50 °C (14 to 122 °F)
- Storage temperature: -20 to 70 °C (-4 to 158 °F)
- Air purge and accessories available

Applications

- Temperature monitoring
- Critical asset monitoring
- Press hardening
- Brake testing
- Lime kiln shell
- Metal spin forming
- Waste incinerator
- Boiler monitoring

The Fluke Process Instruments Guarantee

The ThermoView TV30 thermal imager is supported by a 2 year warranty. With a network of trained representatives and agents in over one hundred countries and offices located in the U.S., Germany and China, we provide local service and support.

These products are controlled under ECCN 6A003 and an export license is needed for certain destinations. Please see RS1 controls for licensing requirements.