THERMAL SUITE FOR OPTRIS CAMERAS · QUICK START

FROM CAMERA TO FIRST ALARM IN FIVE STEPS

You mount the camera. We do the rest remotely. This page shows how a Base System goes live on your Optris PI or Xi camera, and what you need to have ready.

FIVE STEPS

1

Mount the camera and give it an address

Install the camera in its housing, connect it and open it once in Optris PIX Connect to note its serial number and, for Ethernet cameras, set a fixed IP address.

2

Copy the deployment folder to the PC

One folder, one file to edit: the camera list with name, serial number and IP address. Ports are already set.

3

Start it

Start the suite on that PC. It runs the same on Windows, macOS and Linux, and comes up ready: every app behind one address and one login.

4

See your camera live

Open `http://<pc>:8005/cira-acq/` in any browser. Live thermal image, palette, temperature range, camera health, and a Record button. Record a day of your process and share it with us.

5

We commission the application remotely

We train the model on your recordings, build the pipeline, the screens and the alarms, and hand it over running on your process. From then on, the plant owns the platform and your engineers can adjust it with the same tools.

WHAT YOU NEED

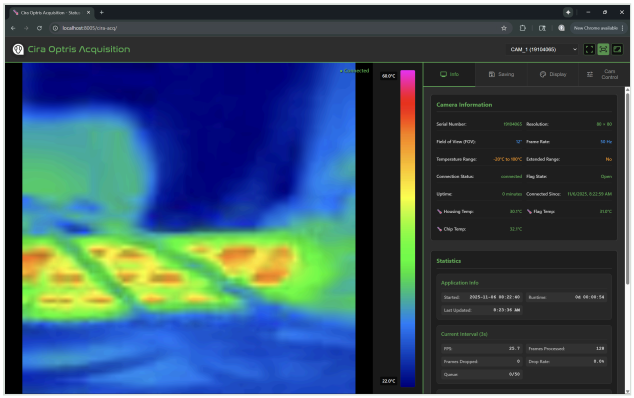
In the plant

- One Optris PI or Xi camera, USB or Ethernet, with its protective housing, pointed at the process.
- A PC or small server on the plant network: Windows or Linux, 4 cores, 8 GB RAM. A GPU is optional.
- Network access from that PC to the camera and, if you want alarms and trends alongside process data, to your PLC.

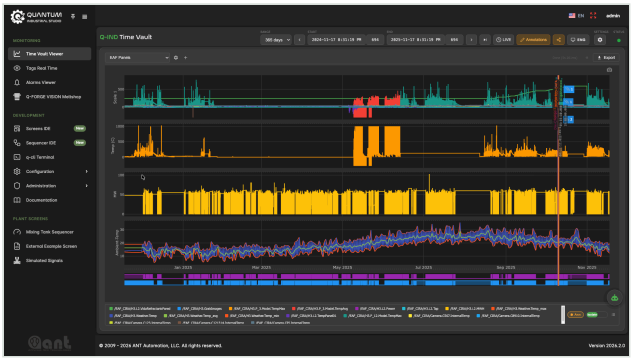
From ANT Automation

- A deployment folder for your plant: container images, camera configuration and the QUANTUM platform.
- A remote session to commission it with your engineer, usually half a day.
- The application for your process (ladle hot spots, EAF panels, tap-hole, slag, torpedo cars, freeboard, die inspection) trained on a day of your own recordings.

WHAT YOU SEE WHEN IT RUNS



Step 4 · the camera live, with health and recording controls



After step 5 · thermal trends, alarms and annotated events in QUANTUM

AFTER THE BASE SYSTEM

Most plants start with one camera and add three or four within the first months. Adding a camera is a line in the camera list; adding a station or a new application runs on the same platform. There is never one more tag, screen, alarm or user to license.

> **Good to know.** The system runs fully offline on your hardware. The temperature data stays in the plant. Recorded frames are radiometric, so every reading can be re-analyzed later. Camera health (housing temperature, frame rate, disconnections) is monitored like any other plant signal.

APPLYING NEW TECHNOLOGIES

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