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Web Access Module for optris Xi 400

The featured product
for optris Xi 400 infrared imagers for
remote condition monitoring

when temperature matters

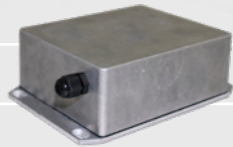# Web Access Module
FOR OPTRIS Xi 400

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Features:

- Instant access to real time video stream of thermal images from any PC's web browser

- Monitoring temperatures of up to 10 designated regions of interest

- Automatic alarm triggering based on a temperature rise from a reference target

- Comfortable remote focus adjustment of the IR camera

- Rugged IP65 enclosure rated to 50 °C with precast bolt holes for easy mounting (Outdoor Module)

- Xi 400 industrial imager with 382 x 288 pixels calibrated for exact measurements in the range -20 °C to 900 °C

- Independent emissivity and background correction for 10 designated regions of interest

- Difference temperature measurements and alarms between any two ROI's fully supported

- Optional 4 to 20 mA alarms for customer designated alarm thresholds

Technical Specifications Web Access Module Outdoor

Power supply	PoE/ 802.3af/ Fully isolated switch-mode power supply, 37 – 57 V DC, Class 2 device
Power consumption (min / max)	10 W / 15 W system power
Network	10/ 100/ 1000 MBit Ethernet port
Ambient temperature	-10 °C – 50 °C
IP protection class	IP 65

Technical Specifications Web Access Module Indoor

Power supply	USB-C / 5V
Power consumption (min / max)	10 W / 15 W system power
Network	10/ 100/ 1000 MBit Ethernet port
Ambient temperature	0 °C – 60 °C
IP protection class	IP 20

Technical Specifications Xi 400 IR Camera

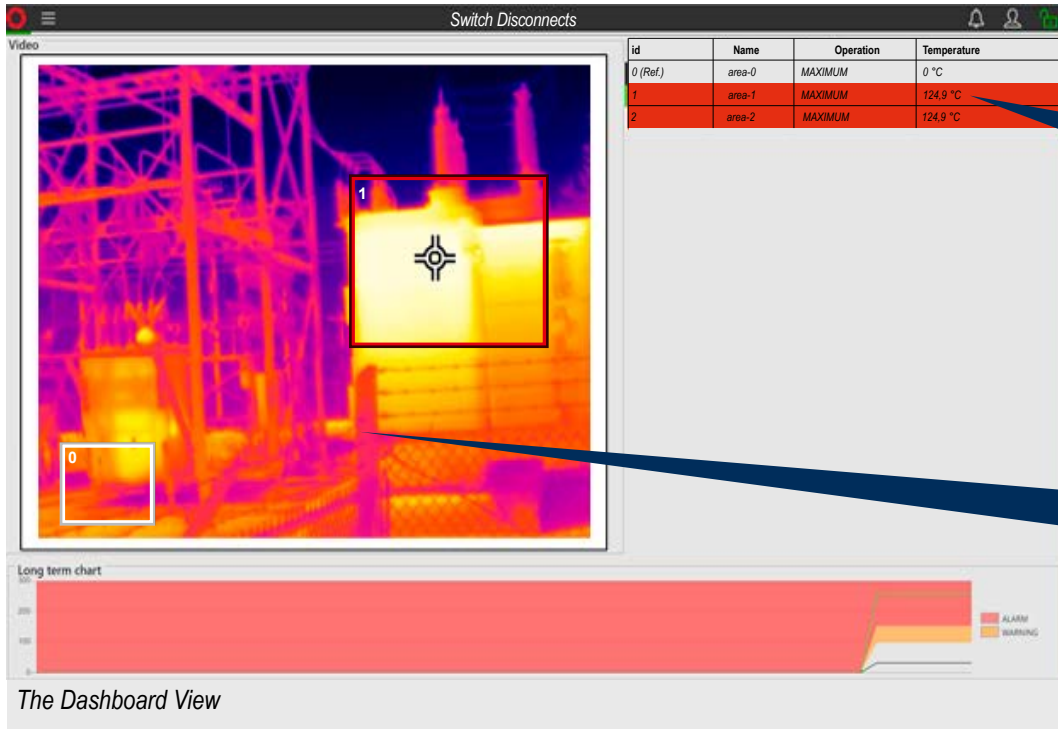|	
Camera resolution	382 x 288 pixels
Camera frame rate	9 Hz
Temperature ranges	–20 ... 100 °C, 0 ... 250 °C, 150 ... 900 °C
Accuracy	±2 °C or ±2 %, whichever is greater
Thermal sensitivity (NETD)	80 mK
Available Optics (FOV)	18° x 14°, 29° x 22°, 53° x 38°, 80° x 54°

Web Access Module
FOR OPTRIS Xi 400

Dashboard

id	Name	Operation	Temperature
0 (Ref.)	area-0	MAXIMUM	0 °C
1	area-1	MAXIMUM	124,9 °C
2	area-2	MAXIMUM	124,9 °C

The Dashboard View

ROI* Temperature or Computed Temperature Rise

*Region Of Interest

High Resolution 382 x 288 thermal image from Xi 400

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2	area-2	MAXIMUM	124,9 °C

Table view of ROI* temperatures or calculated temperature rise

Outdoor System

ALARM
WARNING

Long term chart shows temperature changes on key substation components over time under different load conditions. Set warning and alarm threshold to identify potential problems well in advance.
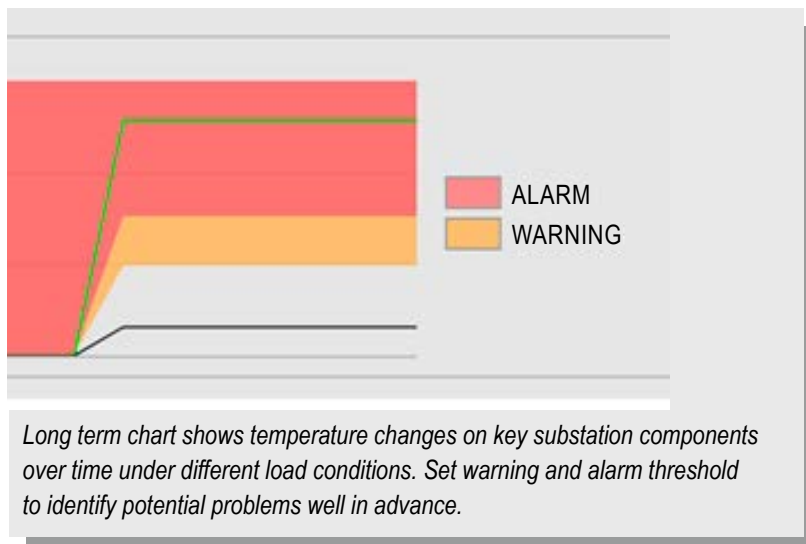
Indoor System

This system can also be integrated directly into the optris outdoor case.

Web Access Module
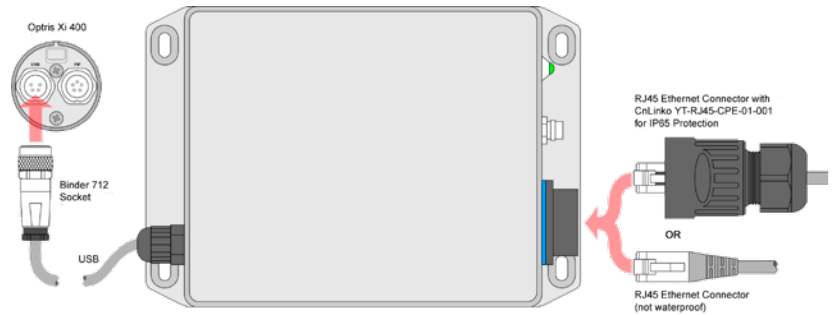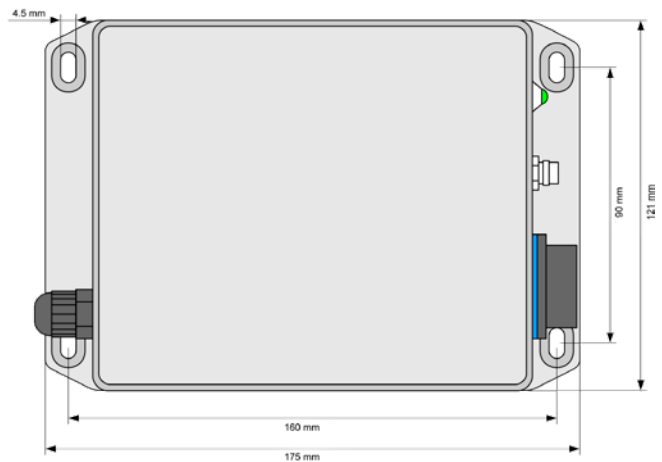## FOR OPTRIS Xi 400

Connections

Outdoor module connections

Indoor module connections

Enclosure dimensions Outdoor module

Contact

Both modules are available at

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