EVT Multi Thermal Inspector
Based on EyeVision Machine Vision Software

Monitoring for correct temperature

The EVT Smart Multi Thermal Inspector (MTI) can monitor an arbitrary number of areas for their correct temperature. Additionally a warning can be issued, when the temperature is too high or too low.

Definition of selection areas

For the definition of the monitored plant areas different selection areas can be used. Besides the standard circle and rectangle also a freely oriented rectangle and a freely definable polygon are available. The user can define an arbitrary number of inspection windows.
There can be connected several cameras to the MTI. The statistic allows an overview of measurement values and process.

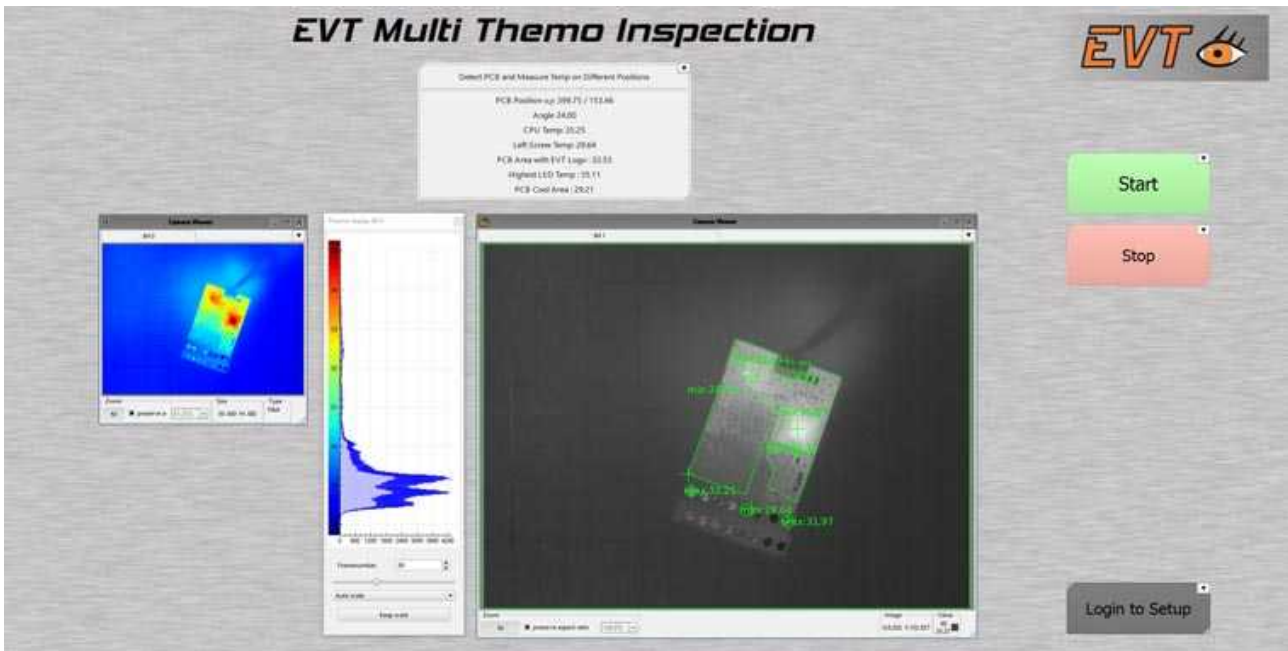## precise for a 100% In-line control

Features

For thermal imaging cameras
By Flir and Optris

Interfaces:
GigE, USB, RS232, RS485

Easy integration into
- Trackersystem
- SCADA
- PLC

Communication protocols for
- Profinet
- OPC UA
- Modbus
- UDP & TCP/IP

Stand-alone System or
Headless System

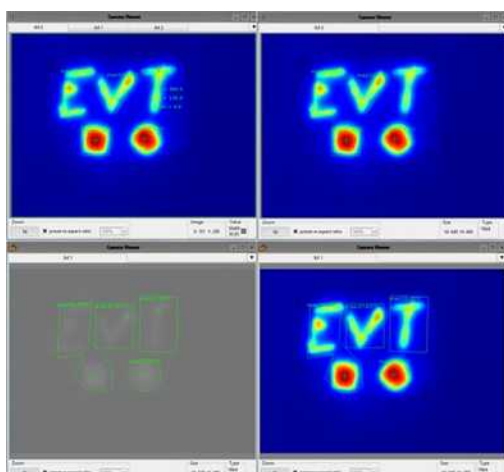*EVT Multi Thermal Inspector Process Mode: monitor temperature on a PCB*

Interfaces and protocols

The System can communicate via the hardware interfaces with a tracker-system as well as with SCADA or PLC.
With the communication protocols such as Profinet, Modbus, TCP/IP & UDP the system can communicate with the machine.

Monitoring moving objects

Even the monitoring of moving objects in the field of view, can be solved with a search command, which findes structures in the field of view. All further evaluations can then be carried out at the detected position.

Gray/ Color image capture extention

An optional gray-/color image capture extension of the system is also possible and allows the user to capture and evaluate gray scale and color images in addition to the thermal images. For example OCR, DMC, QR, bar code, which cannot be captured with thermal imaging. Also possible is the recognition on a display, e.g. a LED which is not only inspected for the correct temperature but also its color.

EVT GmbH
Eye Vision Technology

Gartenstraße 26
76133 Karlsruhe
Germany

www.evt-web.com
info@evt-web.com

Tel.: +49 721 668 004 23 0
FAX: +49 721 626 905 96

Contact us.
We are happy to help!