Pyrosales

ThermCAM-80

ECONOMIC ALTERNATIVE FOR INFRARED SPOT MEASUREMENT
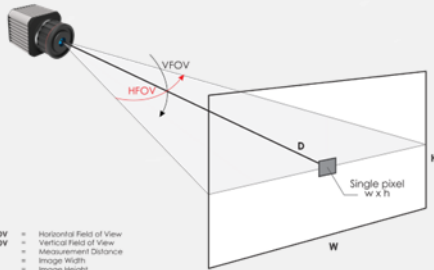
ThermCAM-80 thermal imaging camera can replace single point infrared temperature pyrometers providing greater measurement coverage.

Each of the 80 x 80 pixels can give an individual temperature.

Easily detect high or low peak temperatures within the imager view area not possible with fixed pyrometer systems which measure the average temperature within the target spot.

Compact design is ideal for process applications with options for air/water cooling for high ambient conditions.

Features

- 80 x 80 pixel array for multi-point temperature
- -20ºC to 120ºC or 100ºC to 1000ºC switchable ranges
- Spectral response 8..14μm @ 25 FPS
- Image viewed on PC with InfraView software (incl.)
- Regions of Interest (ROI) defined on-screen for max, min, average, and alarms.
- Optional I/O unit for relay and analogue outputs

- GigE ethernet for high speed image transmission
- Configurable emissivity settings
- Realtime thermal image displayed on PC
- 9 colour palettes for thermal image presentation.
- ROI regions can be point, shape (area) or line.
- Save thermal image as video files (.mp4) as well as image files.
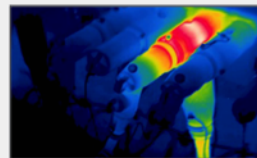- Temperature trend and histogram for multiple regions of interest (ROIs).

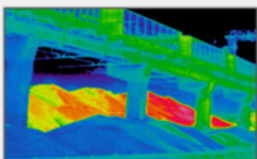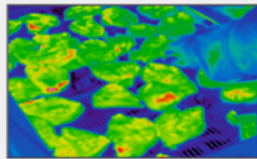## Applications
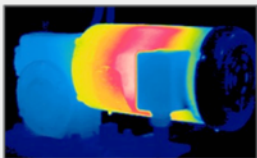
Critical Assets
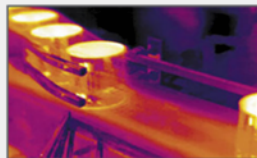
Process Automation

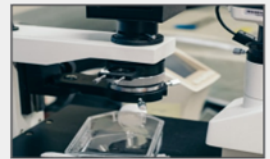Electric Equipment Inspection

Conveyer Belt Monitoring

Early Fire Detection

Quality Management

HVAC Inspection

Research and Development