VIII. Lakiteleki Tűzvédelmi Szakmai Napok

Videokamerák alkalmazási lehetőségei a tűzmegelőzés és a tűzjelzés területén

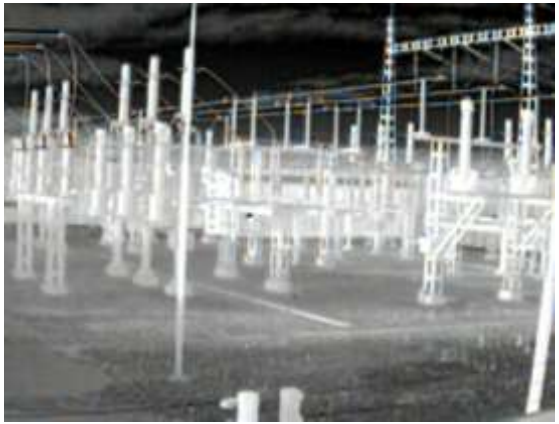
Pelyák Norbert

To complement your surveillance system

Visual camera

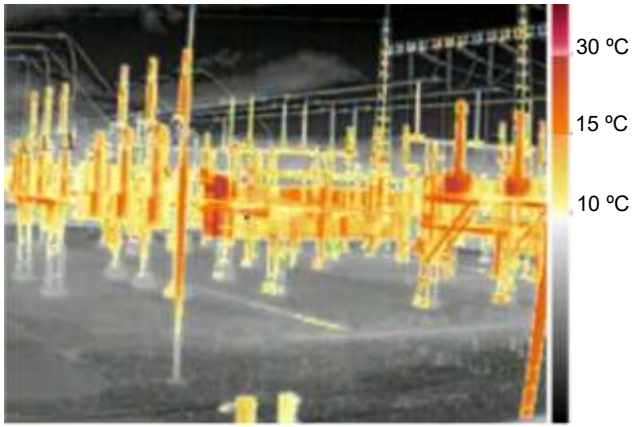
> Color identification

Thermal camera



> Intrusion detection

Temperature alarm camera

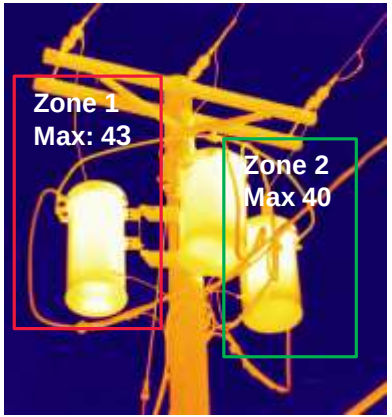


> Detecting the high and low temperature

Key features and benefits

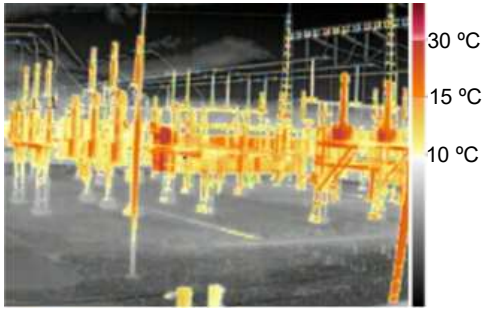
Key features

Temperature Detection



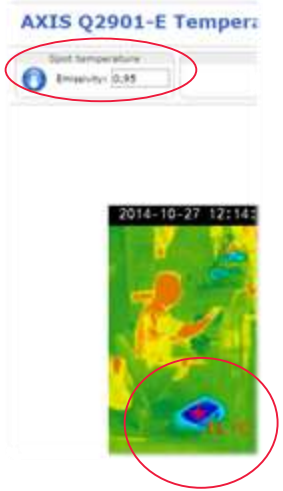
Alarm for any temperature changes

Isothermal palettes

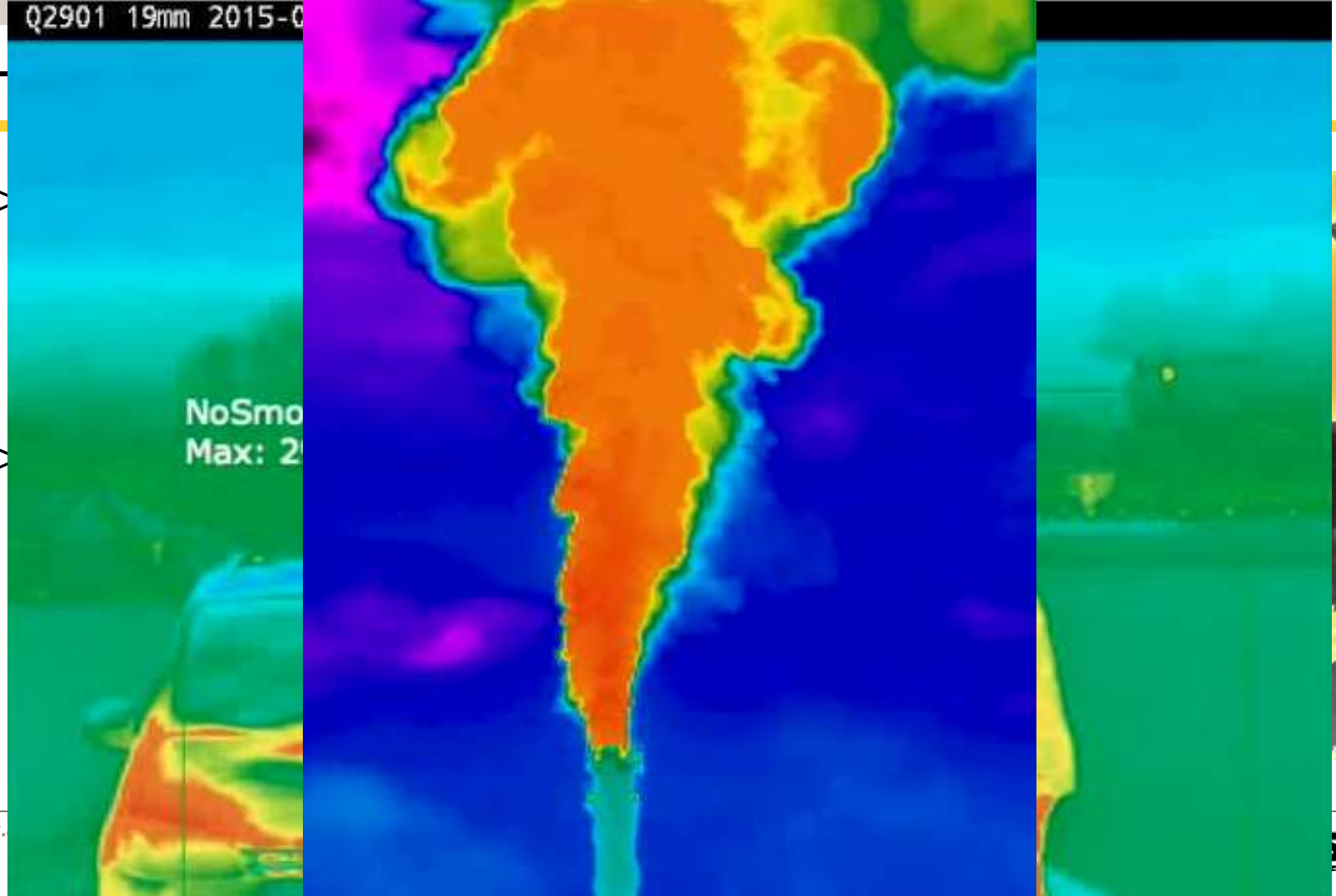


As a visual aid for an operator to highlight temperatures

Spot Temperature



Click in the image for temperature info


Q2901 19mm 2015-0
NoSmo
Max: 2

Isothermal palettes

> To define which temperature corresponds to which color

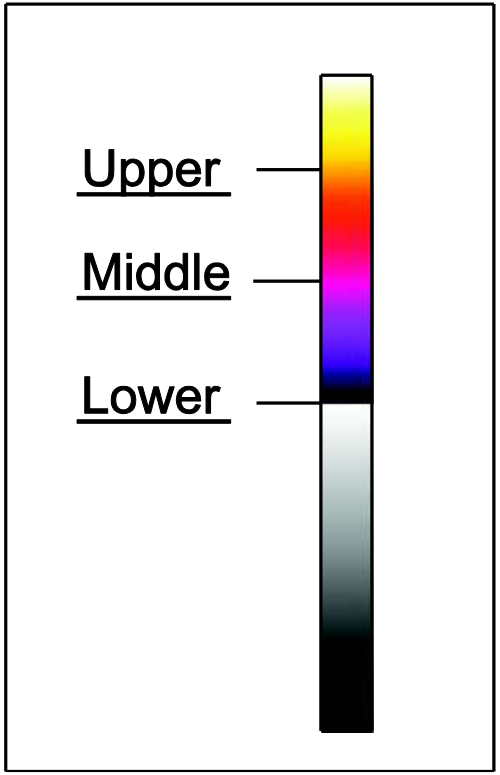
> Lower limit

  – Denotes the temperature where the colored part of the palette will start

  – All temperatures above this will stand out

> Middle and Upper limits

  – Denote the start of these colors



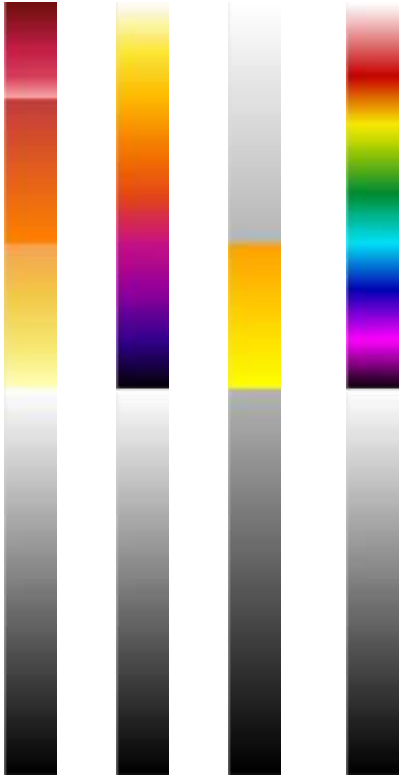
Isothermal palettes

> Easier to interpret what takes place in the scene

> Temperature limits can be set

> Range of different isothermal palettes

> Visual aid to verify temperature alarms



Spot temperature reading

> To view the temperature of a particular area of the image

> Emissivity can be adjusted (depending on the material characteristics*) to get a more precise reading

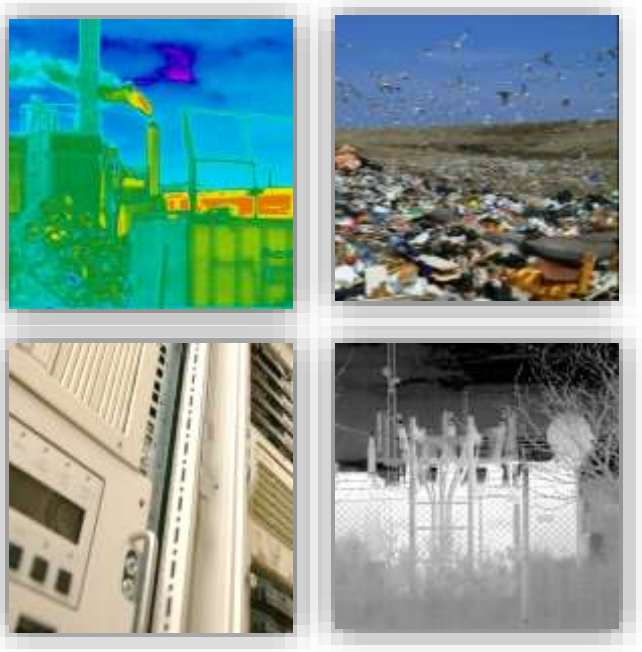
> Used as a visual aid for an operator

* For a list of emissivities, see www.axis.com/q29_series /index.htm

Applications & examples

Application areas

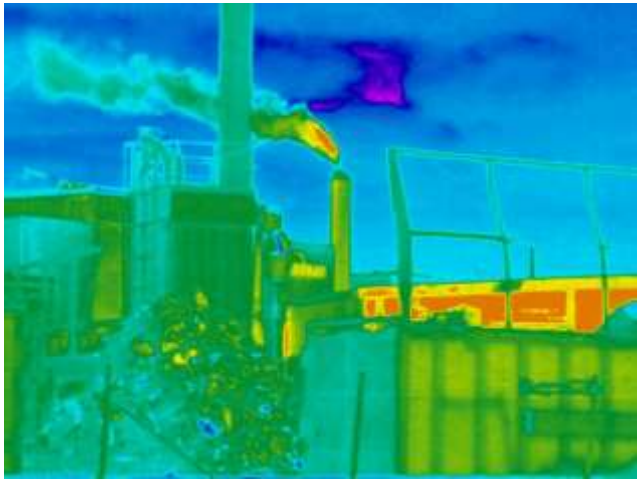
- Remote temperature monitoring of
  - Switchgears, gas and water turbines
  - Transformers and electrical sub-stations
  - Coal piles, dump sites, storage sites and silos
  - Self-igniting materials
- Perimeter surveillance
  - AXIS Q1941-E/Q1942-E Thermal Cameras are the ideal choice



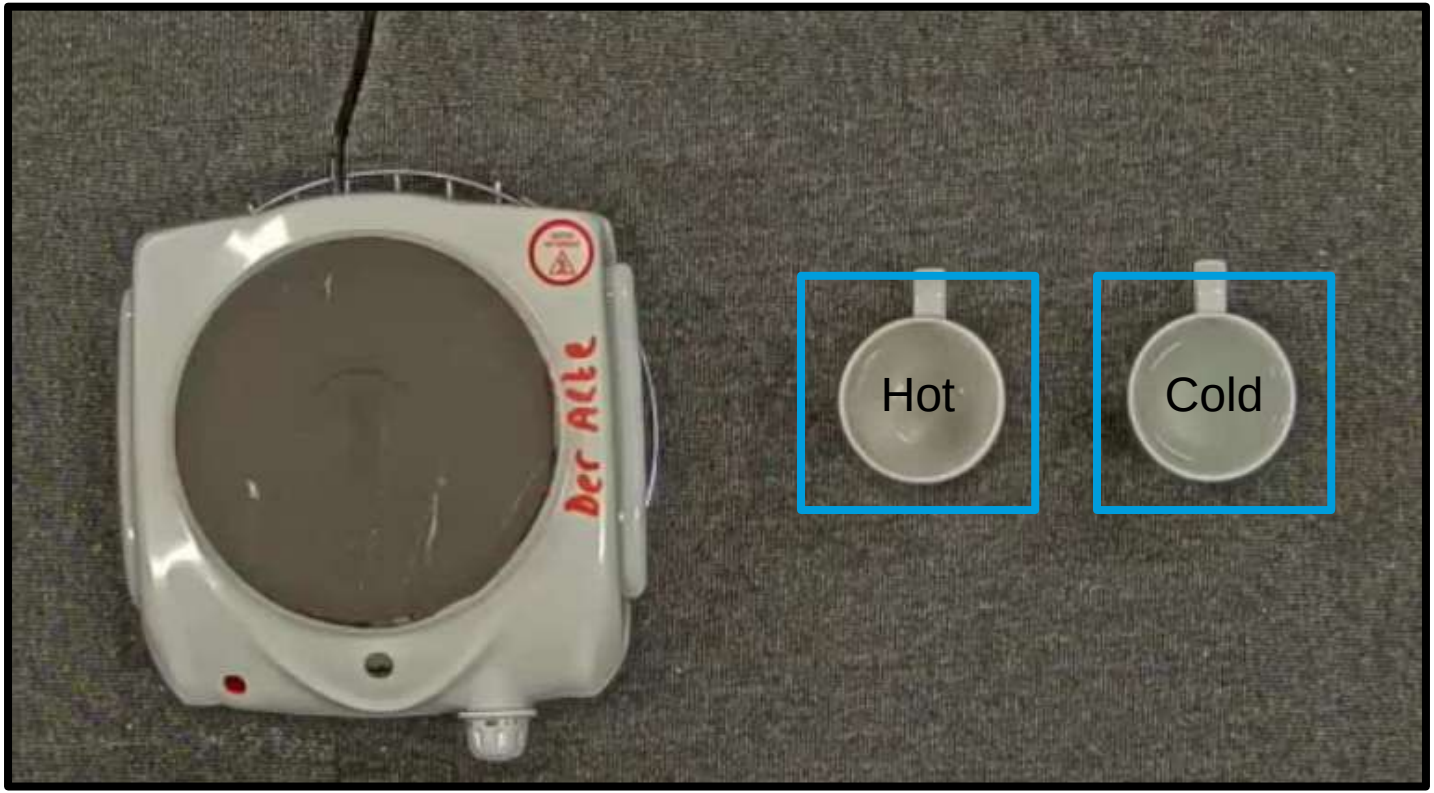
Thermal imaging to...

> Tackle a number of issues
  - Locating problem areas
  - Checking the condition of insulation

> Predict failures
  - Overheated parts before they break down
  - Before the issue become visible to the eye
  - Before machinery stops working



AXIS Q2901, működése



Quality
Network video
Ease of use
Reliability
open
Innovation
Easy installation
Protect
service
integration
Thank you
Secure
Megapixel
Image usability
convergence
Thermal
HDTV
Access
Leader
competence
Intelligent
World
Partners
Focus
Safe
Cameras
Video encoder
Outdoor
Global