



Araani® Thermo Guard

Intelligent thermographic fire and hot spot monitoring

Araani Thermo Guard is an intelligent software for Axis thermometric cameras, that monitors flames and hot spots.

Araani Thermo Guard is the essential tool for security and safety teams in identifying and preventing fire outbreaks at the earliest stages. By harnessing advanced thermographic video analytics, Araani Thermo Guard integrates with AXIS thermometric network cameras, empowering first responders to mitigate damage and avoid escalation.

- Hot spot temperature threshold and rate of rise.
- Flame monitoring.
- Configurable detection zones with individual thermal & detection parameters.
- Configurable alert logic.
- Enable/suppress moving heat sources.
- Easy integration with common VMS platforms.

Araani® Thermo Guard

Technical specification

Functionalities	Up to 10 independent configurable detection zones. <ul style="list-style-type: none"> • HOT SPOT THRESHOLD: threshold temperature exceeded during configurable time. • HOT SPOT RATE OF RISE: fast rise or drop of average temperature in zone. • FLAME MONITORING: flame recognized.
Event types	<ul style="list-style-type: none"> • ALARM: either hot spot and/or flame alarm. • FAULT SIGNAL: loss of input image. • OPERATIONAL SIGNAL: normal working condition. • RECALIBRATING: learning background thermal scene.
Reliability	Stream monitoring <ul style="list-style-type: none"> • Malfunction or loss of input image will result in fault signal.
Image overlay	<ul style="list-style-type: none"> • Event status. • Alarm bounding box.
Connectivity	Video Management System <ul style="list-style-type: none"> • Streaming video with image overlay. • Alarms and status via Axis® dynamic events.
Configuration	Easy configuration through graphical web-based user interface. Highlighting tool and customizable colour mapping for easy landmark identification. Zone-specific detection sensitivity configuration and thermal parameters. Programmable hot spot alert logic.
Camera compatibility	Araani Thermo Guard is optimized and tested for use on: Axis Q2101-TE, Q1961-TE and Q1961-XTE thermometric cameras. Others are subject to approval.

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DISCLAIMER: The end user should be aware that fire safety is subject to strict standards and regulations. Araani Thermo Guard can never replace a mandatory fire detector. A solution equipped with Araani Thermo Guard is also not intended to be linked with a fire alarm control panel. For such function, Araani refers to its certified solutions. Fire indications by Araani Thermo Guard should only be raised after human verification.