ᴀʀᴀᴀɴɪ®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.

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Technical specification

Functionalities	Up to 10 independent configurable detection zones. • 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	• 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 • Malfunction or loss of input image will result in fault signal.
Image overlay	• Event status. • Alarm bounding box.
Connectivity	Video Management System • 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.

Contact

Araani NV - Belgium | Luipaardstraat 12 | 8500 Kortrijk, Belgium | tel: +32 (0) 56 49 93 94
Araani NV - France | 135, Avenue Roger Salengro | 59100 Roubaix, France | tel: +33 (0) 6 50 30 42 35
Araani NV - MEA | One JLT, Floor 6, suite 208 | JLT, Dubai, UAE | tel: +32 (0) 487 88 22 28
Araani NV - North Africa | 3, Pl de Navarre Imm San Francisco | Niv 2 - Num 9 | 90000 Tanger, Morocco

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