AXIS Motion Guard
Smart motion detection

AXIS Motion Guard is a video motion detection application that detects and triggers an alarm whenever an object, such as a person or vehicle, moves within predefined areas in a camera's field of view. Support for multiple profiles allows you to set up different "include" areas or have different configurations for daytime and nighttime. Axis False Alarm Filtering and perspective configuration help reduce false alarms. Alarm overlays in live or recorded video make clear what objects are triggering the alarms. AXIS Motion Guard is ideal for after-hours monitoring of office buildings, retail stores, industrial properties and vehicle depots.

> **Indoor and outdoor motion detection**

> **Multiple profiles for extra flexibility**

> **Perspective configuration for fewer false alarms**

> **Alarm overlay option for bounding boxes around alarm objects**

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Application

Compute platform	Edge
Supported devices	Axis network video products with support for AXIS Camera Application Platform and with firmware 7.10 or higher.
Licenses	Single or 10-pack license codes can be purchased from an Axis distributor. One license is required per camera. The license can be activated from the camera or online. A 60-day trial version is available online. Note that this application is available at no additional cost for Axis Q-line products.
Settings	One include area and 3 exclude areas per profile (10 point polygons) Up to 10 profiles for all cameras except multichannel products which have up to 3 concurrent profiles. Visual confirmation to verify setup Axis False Alarm Filtering for swaying objects, short-lived objects and small objects Perspective configuration Alarm overlay[a] in one selected video resolution; displays bounding boxes around alarm-triggering objects
Configuration	Web configuration included

Scenarios

Typical applications	General low-traffic areas such as after-hours monitoring of office buildings, retail stores, industrial properties, vehicle depots and other unattended areas
Limitations	Weather conditions such as heavy rain or snow may affect detection accuracy. The resolution of video streams with alarm overlay enabled is limited to 1280 pixels in width and the corresponding height for the current aspect ratio.

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com*
Event streaming	Supports event streaming to video management software (VMS) Integrates with camera event management system to enable event streaming to VMS and camera actions such as I/O control, notification, and edge storage. ONVIF® Motion Alarm event

General

Languages	English, German, French, Polish, Spanish, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Portuguese

a. *Only available for supported products with firmware 7.30 or higher. For a complete list of supported products, go to www.axis.com*

Environmental responsibility:

axis.com/environmental-responsibility

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