AXIS Fence Guard
For intrusion detection

AXIS Fence Guard allows you to set up virtual fences in a camera's field of view to protect an area from intrusion. The application automatically triggers an alarm when it detects a moving object, such as a person or vehicle, crossing a user-defined virtual line. Multiple profiles enable you to setup different "fences" and have different configurations for daytime or nighttime. Filters and perspective configuration help reduce false alarms. Alarm overlays in live or recorded video make clear what objects are triggering the alarms. AXIS Fence Guard is ideal for after-hours monitoring of offices, stores and vehicle depots.

> **Line-crossing detection**

> **Edge-based video analytics**

> **Multiple profiles for extra flexibility**

> **Perspective tool for fewer false alarms**

> **Bounding box alarm overlay**

AXIS Fence Guard

General	
Typical use cases	General low-traffic areas such as after-hours monitoring of office buildings, industrial properties, vehicle depots and other fenced-off areas
Supported devices	Axis video products with firmware 7.10 or higher.
Compute platform	Edge
Configuration	Web configuration included
Languages	English, German, French, Polish, Spanish, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Portuguese

Capabilities	
Scenarios	Multiple profiles can be configured to adapt for different scenarios. Up to 10 profiles for all cameras except multichannel products which have up to 3 concurrent profiles. One virtual fence per profile (10-corner line) Visual confirmation to verify setup Filters for small or short-lived objects Perspective configuration
Limitations	Conditions such as heavy rain, snow, or low contrast, might affect detection accuracy. For more information, see the user manual at *axis.com*. The resolution of video streams with alarm overlay enabled is limited to 1920 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 *axis.com*
Event management	Integrates with the camera to enable event streaming to a video management system (VMS) and event actions such as I/O control, notification, and edge storage. ONVIF® motion alarm event (Ref: ONVIF Service Imaging Specification)
Metadata	Alarm overlay in one selected video resolution, displays bounding boxes around alarm-triggering objects.

Environmental responsibility:

axis.com/environmental-responsibility

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