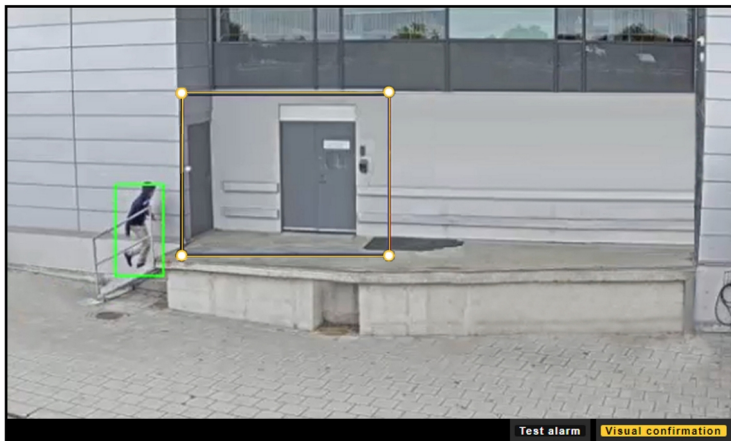# AXIS Video Motion Detection

AXIS Video Motion Detection is an edge-based analytics application that triggers an event when objects of relevant size move within a predefined area in the camera view. Preinstalled on most Axis network video products, it is ideal for use in small, low-traffic areas, and in situations that don't require an active alarm response. The application analyzes movement, ignores ordinary background motion, and provides filters to reduce false alarms. It supports include and exclude areas. Multiple profiles allow for different configurations to be applied at different times.

> **Edge-based video analytics**

> **Multiple profiles for extra flexibility**

> **Preinstalled at no extra cost**

## AXIS Video Motion Detection

### General

| | |
|---|---|
| **Typical use cases** | General low-traffic areas such as corridors, parking lots, and unattended shop areas. |
| **Supported devices** | Axis video products with compatible firmware. For a complete list, see *axis.com* |
| **Compute platform** | Edge |
| **Configuration** | Web configuration included |
| **Languages** | English, German, French, Polish, Spanish, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Portuguese |

### Capabilities

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|---|---|
| **Scenarios** | Multiple profiles can be configured to adapt for different scenarios.<br>Up to 10 concurrent profiles for PTZ cameras and up to 3 concurrent profiles for other products.<br>One include area and 3 exclude areas per profile (10 point polygons)<br>Visual confirmation to verify setup<br>Filters for small, short-lived or swaying objects |
| **Limitations** | Conditions such as heavy rain, snow, or low contrast, might affect detection accuracy. For more information, see the user manual at *axis.com*. |

### System integration

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|---|---|
| **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.<br>ONVIF® motion alarm event (Ref: ONVIF Service Imaging Specification) |

Environmental responsibility:

*axis.com/environmental-responsibility*

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