

AXIS Video Motion Detection 4

Reliable motion detection and recording

AXIS Video Motion Detection 4 is a video analytics application for effective motion recording. It is suitable for outdoor, low-traffic scenarios, such as parking lots and loading docks. High performance detection and false alarm filtering significantly reduce the number of false alarms by analyzing and adapting to the natural motion in the background. The application features multiple detection scenarios with separate include area, exclude areas, and filters. It reduces storage and bandwidth needs by triggering alerts when detecting motion in the configured include area. AXIS VMD 4 is preloaded free of charge on Axis network cameras and encoders that support AXIS Camera Application Platform.

- > **Multiple include areas**
- > **High performance detection**
- > **False Alarm Filtering**
- > **Easy and intuitive configuration**



AXIS Video Motion Detection 4

Application		System integration	
Compute platform	Edge	Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com
Supported devices	Most Axis cameras and video encoders with support for AXIS Camera Application Platform and compatible firmware. For a complete list, please visit: www.axis.com	Event streaming	Supports event streaming to VMS, including VMD 3 events. Integrates with camera event management system to enable event streaming to Video Management Software and camera actions such as I/O control, notification, edge storage, etc. ONVIF® Motion Alarm event
Settings	One include area and 3 exclude areas per profile (10 point polygons) Up to 10 concurrent profiles for PTZ cameras and up to 3 concurrent profiles for other products. Visual confirmation to verify setup Axis False Alarm Filtering for swaying objects, short-lived objects and small objects	General	
Configuration	Web configuration (plug-in free)	Languages	English, German, French, Polish, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Scenarios		Environmental responsibility: axis.com/environmental-responsibility	
Typical applications	General low-traffic areas such as corridors, parking lots, and unattended shop areas		
Limitations	Weather conditions such as heavy rain or snow may affect detection accuracy. Axis recommends not running AXIS Video Motion Detection simultaneously with the camera's built-in motion detection or other Analytic ACAPs since this may impact behavior and performance of the application.		