

# AXIS Perimeter Defender

High-security, scalable perimeter protection

AXIS Perimeter Defender is a highly accurate and scalable video analytics application for intrusion detection, ideal for high-security locations such as power and chemical plants. The application runs in a camera and supports multiple detection scenarios, including zone crossing and loitering, simultaneously. With newer Axis cameras, it can also support burnt-in bounding box metadata overlays in live and recorded video for visual confirmation of detected objects. The system design tool and automatic calibration simplify setup. With a separate license, a fixed camera with AXIS Perimeter Defender can automatically control a PTZ camera to zoom in on and follow alarm objects.

- > **High detection accuracy and reliability**
- > **Multiple detection scenarios**
- > **PTZ autotracking with separate license**
- > **Easy and efficient management**



## AXIS Perimeter Defender

<b>Application</b>		<b>Typical applications</b>	Large-scale perimeter protection Intrusion detection, typically used in sterile zones of power plants, chemical plants and other types of critical infrastructure facilities within the industrial, transportation and government sectors
<b>Compute platform</b>	Edge	<b>Limitations</b>	Not suitable for areas with large amounts of moving objects for example in public squares or transit areas. Extreme weather conditions or insufficient lighting may disturb detection performance. Correct mounting of camera, calibration, and configuration required. See the user manual for instructions.
<b>Supported devices</b>	Axis cameras with support for AXIS Camera Application Platform and compatible firmware <sup>a</sup>	<b>System integration</b>	
<b>Software</b>	PC application included Requires Windows® 7, 8 or 10, Intel Core 2 Duo or later and 2 GB RAM	<b>Supporting software</b>	PC system design tool included
<b>Functionality</b>	Automatic and manual device discovery Automatic and manual perspective calibration Visual configuration of detection scenarios Visual confirmation to verify setup Configuration of alarm output and metadata stream Backup/restore of settings Burnt-in metadata overlay <sup>a</sup> AXIS Perimeter Defender PTZ Autotracking (requires separate licence) that enables a fixed visual or thermal camera to take control of a PTZ camera for autotracking <sup>a</sup>	<b>Event integration</b>	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 and more.
<b>Scenarios</b>		<b>Event streaming</b>	Optional integration modules available for Milestone XProtect® and Genetec™ Security Center. Additional video management software licenses may be required. Includes support for dynamic event streaming for integration with other video management software. ONVIF® Motion Alarm event
<b>Detection scenarios</b>	Intrusion Loitering Zone crossing Conditional zone crossing Multiple concurrent scenarios supported	<b>General</b>	
<b>Settings</b>	Person/vehicle differentiation Detection sensitivity Crouch/crawl detection Log roll detection Headlight mitigation Insects/droplets on lens filter	<b>Languages</b>	English

a. *Applicable only for supported products. For a complete list of supported products, go to [axis.com/products/axis-perimeter-defender](http://axis.com/products/axis-perimeter-defender)*

Environmental responsibility:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)