

AXIS Perimeter Defender

High-security, scalable perimeter protection

AXIS Perimeter Defender is a highly accurate and scalable video analytics application for intrusion detection, complementing a physical access control system for effective perimeter protection at high-security locations such as power and chemical plants. The application runs in a camera and supports multiple detection scenarios, including intrusion, 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 of interest. The system design tool and automatic calibration simplify setup.

- > **High detection accuracy and reliability**
- > **Scalable perimeter protection**
- > **Multiple detection scenarios**
- > **Easy and intuitive installation**



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Application		Limitations	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.
Supported products	Axis cameras and video encoders with support for AXIS Camera Application Platform and compatible firmware For a complete list of supported products, go to axis.com		
Software	PC application included Requires Windows® 7, 8 or 10, Intel Core 2 Duo or later and 2 GB RAM		
Functionality	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 ^a		
Scenarios		System integration	
Detection scenarios	Intrusion Loitering Zone crossing Conditional zone crossing Multiple concurrent scenarios supported	Supporting software	PC system design tool included
Settings	Person/vehicle differentiation Detection sensitivity Crouch/crawl detection Log roll detection Headlight mitigation	Event integration	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.
Typical applications	Large-scale perimeter protection Intrusion detection, typically used in sterile zones of power plants, chemical plants and other types of critical infrastructure installations within the industry, transportation and government sectors	Event streaming	Integration modules available for alarms and overlays in Milestone Xprotect (included). Additional video management software licenses may be required. Includes support for dynamic event streaming for integration with other video management software. For a list of supported video management software and features, go to axis.com
		General	
		Languages	English

a. Available for products with firmware 7.30 or higher.

Environmental responsibility:

www.axis.com/environmental-responsibility