

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. AXIS Perimeter Defender is i-LIDS[®] approved as a primary detection system for sterile zone monitoring applications.

- > **High detection accuracy and reliability**
- > **Scalable perimeter protection**
- > **Multiple detection scenarios**
- > **i-LIDS[®] certified**
- > **Easy and intuitive installation**



AXIS Perimeter Defender

Application	
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 www.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	
Detection scenarios	Intrusion Loitering Zone crossing Conditional zone crossing Multiple concurrent scenarios supported
Settings	Person/vehicle differentiation Detection sensitivity Crouch/crawl detection Log roll detection Headlight mitigation
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
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.
System integration	
Supporting software	PC system design tool included
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.
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 www.axis.com
General	
Approvals	i-LIDS® approved primary detection system for operational alert use in sterile zone monitoring applications. i-LIDS® approved event based recording system for sterile zone monitoring applications.
Languages	English
a. Available for products with firmware 7.30 or higher.	
Environmental responsibility: www.axis.com/environmental-responsibility	