

AXIS Perimeter Defender

High-security, scalable perimeter protection

AXIS Perimeter Defender is a scalable and flexible video analytics application for perimeter surveillance and protection. The video-based application provides accurate detection capabilities with simultaneous support for multiple detection scenarios, including several types of intrusion detection and loitering. AXIS Perimeter Defender is i-LIDS[®] approved as a primary detection system for sterile zone monitoring applications. It features an intuitive system design tool and automatic calibration for simplified setup to reduce installation and configuration time. This application is ideal for high-security perimeter protection scenarios such as power plants, chemical plants and other installations where there is a need to reinforce the physical access control system with reliable intrusion detection.

- > Scalable perimeter protection
- > High detection accuracy
- > 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, please visit: www.axis.com
Configuration interface	PC application included Requires Windows 7, 8 or 10, Intel Core 2 Duo or later and 2GB RAM
Functionality	Device discovery - automatic and manual Perspective calibration - automatic and manual Visual configuration of detection scenarios Visual confirmation to verify setup Configuration of alarm output and metadata stream Backup/restore of settings
Scenarios	
Detection scenarios	Intrusion Loitering Zone crossing Conditional zone crossing Multiple concurrent scenarios supported
Advanced 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 – please consult user guide for instructions

System integration	
Design tool	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 VMS 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, please visit: 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

Environmental responsibility:

www.axis.com/environmental-responsibility