

# 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<sup>®</sup> 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<sup>®</sup> certified
- > Easy and intuitive installation



# AXIS Perimeter Defender

| Application                    |  | System integration                   |   |
|--------------------------------|--|--------------------------------------|---|
| <b>Supported products</b>      | Axis cameras and video encoders with support for AXIS Camera Application Platform and compatible firmware<br><br>For a complete list, please visit: <a href="http://www.axis.com">www.axis.com</a>   | <b>Design tool</b>                   | PC system design tool included  |
| <b>Configuration interface</b> | PC application included<br><br>Requires Windows 7, 8 or 10, Intel Core 2 Duo or later and 2GB RAM  | <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>Functionality</b>           | Device discovery - automatic and manual<br>Perspective calibration - automatic and manual<br>Visual configuration of detection scenarios<br>Visual confirmation to verify setup<br>Configuration of alarm output and metadata stream<br>Backup/restore of settings   | <b>Event streaming</b>               | Integration modules available for alarms and overlays in Genetec Security Center and Milestone Xprotect, included<br>Additional VMS licenses may be required<br>Includes support for dynamic event streaming for integration with other Video Management Software<br><br>For a list of supported Video Management Software and features, please visit: <a href="http://www.axis.com">www.axis.com</a> |
| Scenarios                      |  | General                              |   |
| <b>Detection scenarios</b>     | Intrusion<br>Loitering<br>Zone crossing<br>Conditional zone crossing<br>Multiple concurrent scenarios supported  | <b>Approvals</b>                     | i-LIDS® approved primary detection system for operational alert use in sterile zone monitoring applications<br>i-LIDS® approved event based recording system for sterile zone monitoring applications   |
| <b>Advanced settings</b>       | Person/vehicle differentiation<br>Detection sensitivity<br>Crouch/crawl detection<br>Log roll detection<br>Headlight mitigation  | <b>Languages</b>                     | English   |
| <b>Typical applications</b>    | Large-scale perimeter protection<br>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  | <b>Environmental responsibility:</b> | <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>  |
| <b>Limitations</b>             | Not suitable for areas with large amounts of moving objects for example in public squares or transit areas<br>Extreme weather conditions or insufficient lighting may disturb detection performance<br>Correct mounting of camera, calibration and configuration required – please consult user guide for instructions |                                      |   |