AXIS Cross Line Detection

General purpose tripwire application

> **Reliable indoor and outdoor detection**

> **Easy configuration**

> **Configurable object direction**

AXIS Cross Line Detection is a tripwire application installable on Axis network cameras and video encoders. The application detects moving objects that cross a virtual line, making it possible to automatically trigger an event. AXIS Cross Line Detection will increase system efficiency by reducing bandwidth and storage needs, and it facilitates search of recorded events.

AXIS Cross Line Detection is an application especially suitable for general entrance and exit detection in low-traffic areas. It detects objects such as persons and vehicles that cross a defined virtual line.

The application will work in most indoor and outdoor installations and in variable lighting conditions. It is well suited for many situations, including video monitoring of building entrances, loading docks, and parking lots.

AXIS Cross Line Detection is easy to configure. A virtual line is positioned in the camera's live view and the detection direction is set. Once placed in the image there is no need for further adjustments.

The real time visual confirmation validates in an easy way that the application detects objects correctly. AXIS Cross Line Detection integrates with the camera's internal event manager enabling various system notifications.

Technical specifications – AXIS Cross Line Detection

Compatible products

Models	Axis fixed network cameras and video encoders that support AXIS Camera Application Platform Complete list at www.axis.com

Setup and configuration

Setup	Web interface camera/encoder
Configuration	Web interface camera/encoder

Application settings

Line setup	Virtual line setup with one or two segments
Object direction	One-way or two-way
Verification of setup	Visual confirmation

Scenarios

Typical applications	General low-traffic areas such as building entrances, loading docks, parking lots
Limitations	Weather conditions such as heavy rain or snow may affect detection accuracy

Camera considerations

Lighting conditions	Dependent on camera light sensitivity
Camera placement	45 - 90° angle to object direction

Integration

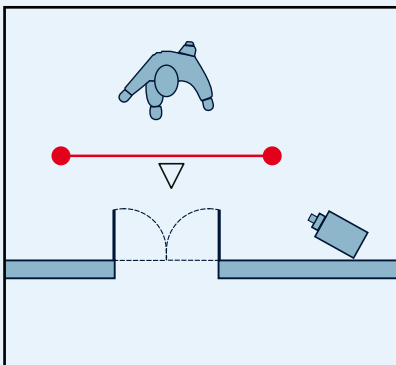|	
Camera	Integrates with camera event management system Image upload, notification, I/O control
System	ONVIF and VAPIX®

General

Language	English
Licenses	Cross Line Detection licenses for 1, 10 or 50 cameras

More information is available at www.axis.com

System setup

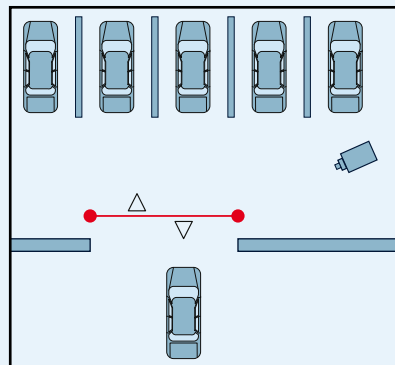

- Surveillance system
- Image upload
- Notification
- I/O control
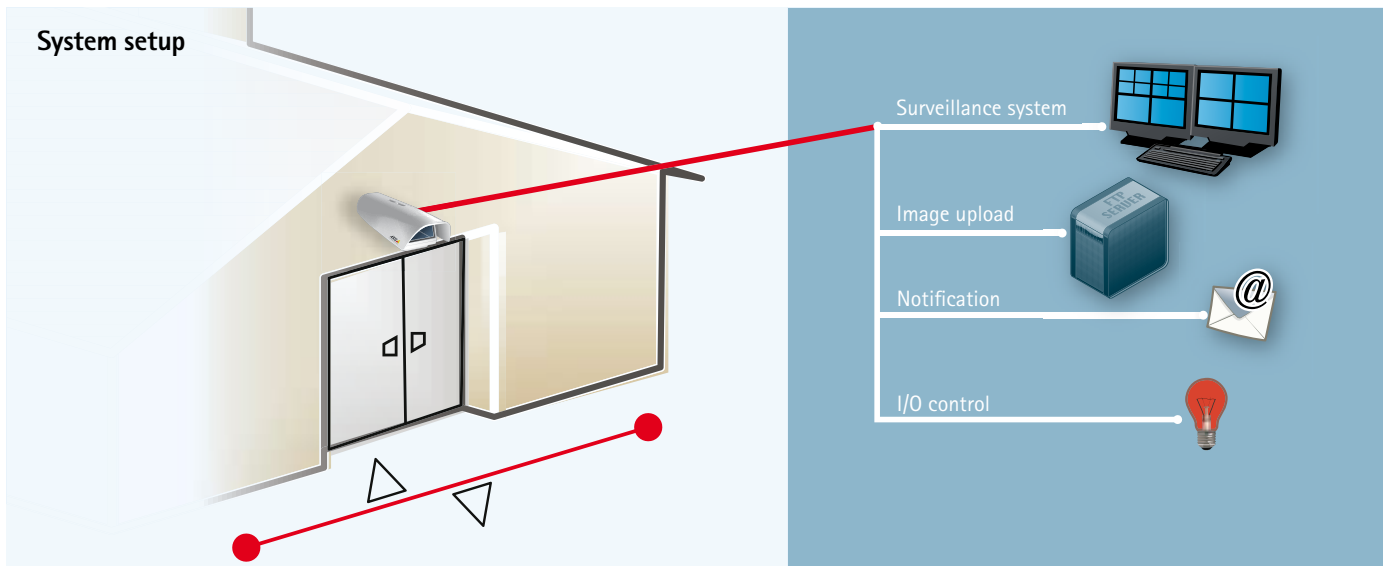
Typical application areas

Entrances

Parking lots

Building sites

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