AXIS Parking Violation Detection
Analytics for automatic detection of parking violations

Are you looking for a 24/7 city surveillance solution that can reduce traffic disturbances caused by parking violations? AXIS Parking Violation Detection is a cost-effective edge analytics designed to automatically detect vehicles parked illegally or in forbidden areas. It's ideal for surveillance in cities, at airports and train stations – anywhere you need fast, precise and round-the-clock video-monitoring. When a violation occurs, an alert is created and sent to a VMS within a set time. City operators can then contact police officers or enforcement agents on the streets, who can take appropriate actions such as removing a vehicle or issuing a fine.

> **Reliable detection of parking violations**

> **Instant response**

> **Optimal resource allocation – maximum efficiency**

> **Affordable and scalable solution**

AXIS Parking Violation Detection

Application

Compute platform	Edge
Supported devices	Axis cameras with support for AXIS Camera Application Platform and compatible firmware.
Licenses	Single license codes can be purchased from an Axis distributor. One license is required per camera.
Configuration	PC application AXIS Parking Violation Detection desktop included. Requires Windows® 10 or later and 4 GB RAM.
Functionality	Automatic and manual device discovery Visual configuration of detection scenarios Configuration and testing of alarm output Backup/restore of settings Burnt-in overlay
Detection range	Detection up to 20 times the height of camera position. Depends on camera focal length. Traffic lane: 5.0 m to 100.0 m. Minimum traffic lane width: 5% of the image width.
Detection time	From 30 seconds to 20 minutes.

Scenarios

Settings	Define road traffic lane(s) of interest in the scene (up to 4). Configurable detection time and sensitivity for each traffic lane. For PTZ cameras, up to 4 traffic lanes can be associated with each preset.
Typical applications	Detection of parking violations such as: double parking parking on bus lane bicycle path or on bus stop parking on forbidden areas parking in front of entrances or exits
Limitations	Not suitable for parking spot availability monitoring. 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

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com*
Event integration	Integrates with camera event management system to enable event streaming to video management software and camera actions such as notifications, edge storage and more.
Video management software	AXIS Camera Station, Milestone XProtect® and Genetec™ Security Center. Additional video management software licenses may be required.

General

Languages	English, German, French, Spanish, Italian, Russian, Japanese, Traditional Chinese, Simplified Chinese

Environmental responsibility:

axis.com/environmental-responsibility

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