AXIS Digital Autotracking 2
Automatic tracking of moving objects

> Automatic object detection and tracking

> Reduced bandwidth and storage needs

> Efficient live monitoring

> Easy setup

> Axis False Alarm Filtering

AXIS Digital Autotracking 2 is intended for Axis fixed megapixel cameras. The application automatically detects, zooms in on and follows moving objects. This facilitates live monitoring by helping the operator to effectively discover and handle incidents. It also reduces bandwidth and storage needs by zooming in on moving objects and discarding information in parts of the scene with no activity.

AXIS Digital Autotracking 2 detects and follows moving objects such as persons and vehicles. Unlike mechanical autotracking in PTZ cameras, AXIS Digital Autotracking will not lock on a single object. It will instead adapt the view to include all moving objects to reassure that no incidents will be missed-out.

The application will work in most indoor and outdoor installations in variable lighting conditions. It is well suited for efficient video monitoring of low-traffic areas such as parking lots, perimeters and non-working time surveillance of schools, offices and stores.

AXIS Digital Autotracking 2 is easy to set up. The detection area is defined by the camera's field of view, with the possibility to ignore motion in parts of the scene. The intuitive user interface with real time visual configurations provides an easy way to validate that the application detects objects correctly.

Axis False Alarm Filtering makes it possible to ignore disturbing object motion such as headlights, swaying trees and smaller animals.
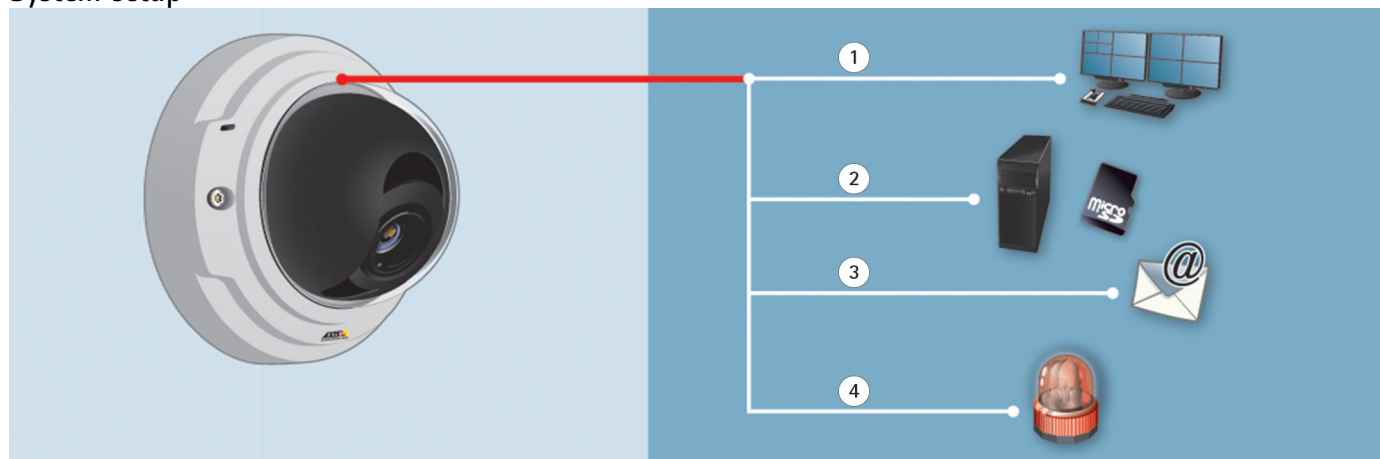
The application integrates with the camera's internal event manager, enabling various system notifications.

Technical Specifications - AXIS Digital Autotracking 2

Application

Models	All Axis P- and Q-line megapixel fixed cameras with support for AXIS Camera Application Platform and compatible firmware. Complete list at: *www.axis.com*
Settings	Support for exclude areas and specific objects to optimize application reliability. Visual confirmation to verify setup.

Scenarios

Typical applications	Low-traffic areas in shops, parking lots, after hours in offices, etc.
Limitations	Weather conditions such as heavy rain or snow may affect detection accuracy
Storage conditions	AXIS Digital Autotracking in SVGA (800x600) compared with: Continuous recording/streaming[a]: Approx. 90% reduction of storage/bandwidth need. Video Motion Detection (VMD)[a]: Approx. 70% reduction of storage need.

System integration

Application Programming Interface	Open API for software integration, including the ONVIF, specification available at www.onvif.org, as well as VAPIX® from Axis Communications, specifications available at www.axis.com
Video 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, etc.

General

Languages	English

a. *30 fps and 2 MP resolution. The reduction will vary with video resolution, compression and level of activity in scene.*
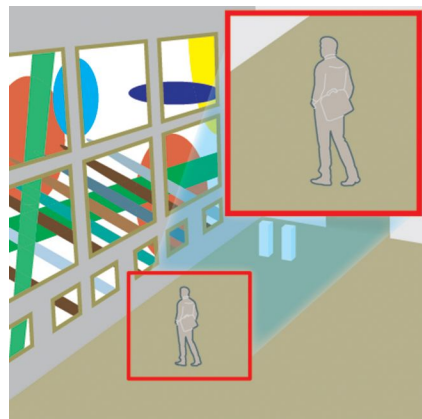
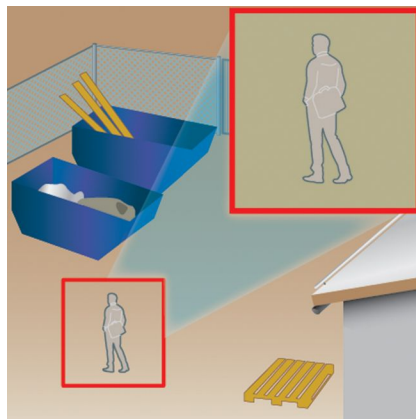More information is available at www.axis.com

System setup

1. Live monitoring; 2. Recording of video and events; 3. Notification; 4. I/O Control

Typical application areas

Museum gallery

Construction site

Parking lot