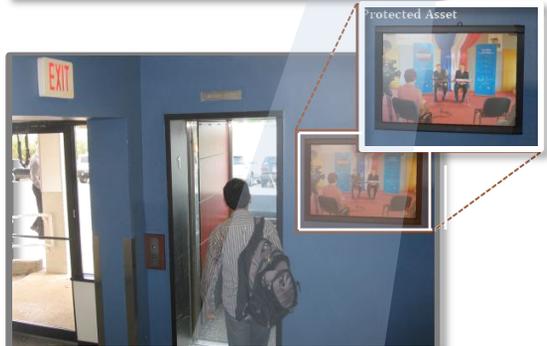


intuVision's Axis camera embedded applications provide intelligent video analytics directly in the surveillance camera without the need for additional hardware for analytics processing.

The camera embedded analytics include detection of general **Activity**, **LineCrossing**, **ObjectTaken**, and **ZoneIntrusion**. All camera applications are suitable for outdoor and indoor camera views and best suited for light to medium foot or vehicle traffic. intuVision camera applications detect and track moving objects in the camera view, such as vehicles or people. They are easily set-up via a web user interface and generate alarms when particular event conditions occur; such as a person entering into the specified zone or a vehicle crossing the user drawn line.

When an alarm condition is detected the application sends a trigger to the camera software to generate events and various actions. Please refer to the Axis camera user guide for more details about supported actions and configurations.



Camera Application Descriptions

Activity

Activity camera application detects moving objects within a user drawn rectangle in the camera view. Activity can be used to detect trespassing, presence of moving objects in the selected area, whether it is people around a store display or a vehicle in a docking zone. The area or the “zone” to monitor can be specified via settings, as well as the zones for exclusion.



LineCrossing

LineCrossing application detects moving objects passing across a user drawn line in the camera view. LineCrossing can be used to monitor foot or vehicle traffic and to count people and vehicles entering and exiting an area. The crossing direction can be specified to detect objects moving left-to-right, top-to-bottom, both-ways etc., as well as an object crossing the line fully or partially.



ObjectTaken

ObjectTaken camera application detects a marked object in the camera view being removed from its location. ObjectTaken can be used to protect valuable assets such as art, wall monitors, or other stationary valuables in a camera field of view. With zones, monitor up to four objects in each camera view.



ZoneIntrusion

ZoneIntrusion camera application detects objects entering into a user drawn zone in the camera view. Zone Intrusion can be used to detect people entering or exiting a building or intruding into a marked area, as well as vehicles violating a restricted area.



Camera Applications Technical Specifications

Compatible Cameras

Axis Processor Chip (camera or encoder)

ARTPEC-3

ARTPEC-4

ARTPEC-5

Compatible Event Spies

Activity, LineCrossing, ObjectTaken, and ZoneIntrusion

Activity, LineCrossing, ObjectTaken, and ZoneIntrusion

Activity, LineCrossing, ObjectTaken, and ZoneIntrusion

Integrated Devices and Systems

intuVision Panoptes Event Management system for logging, counting, event graphs and reports. Events from multiple cameras or 3rd party devices can be compounded.

Event triggers for Panoptes integrated VMS's (exacqVision, Milestone, Cisco VSM, Hikvision)

Configuration and Settings

Flexible configuration via web interface, requires Windows and IE.

Language: English.

Object Detection Settings

Sensitivity (*percent detection sensitivity*)

Minimum Object Size (*height and width in pixels*)

Minimum Object Age (*in view in seconds*)

Minimum distance moved (*by an object in pixels*)

Event Settings

Time Interval (*between events in seconds*)

Area Excluded (*from event detection, for Activity*)

Line-Crossing direction (*right, left, top, bottom, bi-directional*)

Multiple Asset Zones (*ObjectTaken*)

Minimum Removal Time (*an object is taken away in seconds, for ObjectTaken*)

View Specifications

Camera view angles 90-45 degrees

Top view: 90 -70 degrees

Side view: 45-69 degrees

Field-of-view range: 10ft.- 150ft. for people, 50ft.- 250ft. for vehicles

Application Limitations

Camera Applications are not recommended for use in very busy areas. Scene lighting limitations are dependent on the camera used, please refer to the specific Axis camera user guide for more details.

Weather conditions such as rain and snow may degrade the camera applications' detection accuracy.

