AxxonSoft Tracker Help

AxxonSoft Tracker offers an embedded video analytics for AXIS IP cameras by [AxxonSoft](). Plug-in is designed to detect and track the moving objects and detect the unattended objects in real-time. It processes the original uncompressed video stream on-board to avoid a loss of quality due to encoding and transmitting over the network. AxxonSoft Tracker is fully supported by a video surveillance system Axxon Next.

Main plugin settings

Min object width	Minimum detected moving object width in hundredths of a percent of frame width [0..10000].
Min object height	Minimum detected moving object height in hundredths of a percent of frame height [0..10000].
Max object width	Maximum detected moving object width in hundredths of a percent of frame width [0..10000].
Max object height	Maximum detected moving object height in hundredths of a percent of frame height [0..10000].
Motion detector sensitivity	Motion detector sensitivity [0..100]. Use 0 for automatic sensitivity (default).
Time before object is lost	Time in sec. After this period of time information about lost object will be deleted [0..60].
Skip equal frames	Enable skipping of equal frames from cameras if they exist.
Detect unattended objects	Use or not new/missing object detector.
Min unattended object width	Minimum detected unattended object width in hundredths of a percent of frame width [0..10000].
Min unattended object height	Minimum detected unattended object height in hundredths of a percent of frame height [0..10000].
Max unattended object width	Maximum detected unattended object width in hundredths of a percent of frame width [0..10000].
Max unattended object height	Maximum detected unattended object height in hundredths of a percent of frame height [0..10000].
Unattended detector sensitivity	Unattended objects detector sensitivity [1..25]. Default value is 7.

Determine unattended object type	Determines if unattended object is appeared (brought, arrived) or disappeared (carried away, moved away). Works only when "Detect unattended objects rule" is active.
Determine human or car object type	Classifies moving objects into three categories: human, car and unknown. Works with "Simple Tracking" rule.
Determine num of humans in group	Determines number of humans in the group. Works with "Simple Tracking" rule only when option Determine human or car objects is switched on.
Determine outliers	Determine outliers among moving objects such as camera noise, glare, reflections, trees branches etc.
Use colour information	Use colour information of moving objects for more reliable tracking.

Advanced settings
Regions of interest

The region of interest is a virtual area that is defined by a polygon, containing up to 10 points. The total number of polygons can not exceed 8. The default region of interest is the entire image.
To add a polygon, select the plugin, and then left-click anywhere on the image. To finish the process left-click on first point.
The region of interest can be moved by placing the pointer over a region. When the mouse pointer icon is a "cross", left-click and drag the region to the desired space.
After configuring, click "Save" button to save new parameters.
"Reset" button removes all regions of interest. Close the page to return to the default settings.