



Axxon Intellect Enterprise Auto 4.7.8

Release notes

A list of changes

- A structure in the Auto-Intellect objects tree has been changed. An object in the Hardware tab has been created – «LPR recognition server ». There are daughter objects:
 - «ACCR» module is software designed for recognizing the CARMEN ACCR container numbers (ARH Inc. manufacturer).
 - «Carmen Auto» module is software designed for recognizing the vehicle number plates CARMEN LPR (ARH Inc. manufacturer).
 - «Arena» module is an integration of photo and video fixation stationary complexes «Arena» (of side and upper location), produced by CJSC «Olvia». There is a possibility to receive photos of vehicles with digital data, containing information about vehicles' motion characteristics».
 - «Uragan» module is Russian generator of LPR recognition produced by Recognition Technologies Company.
- An object in the Interface tab has been created- «Traffic monitor» that has replaced «LPR protocols».
- The Displaying mode of off-line information in order to search the vehicle via stored database has been changed.
- «Potok» integration of version 5.8.2. has been deleted.

New features

- «Traffic detector» module, developed by ITV Company, has been added. This module is designed for information gathering concerning vehicles' motion characteristics. The module performs the following functions: registering the vehicles' entering or leaving the detector zone, detecting the vehicles' speed, detecting the vehicles' class, transmitting the data via a vehicle to the program module «Traffic stream processor» for processing and recording to the database.
- «Traffic stream processor» module has been added. This module is a component of information gathering system about traffic streams. The module performs the following functions: statistic analysis of traffic data, received from «Traffic detector» program module to estimate the traffic stream in general and record the data about traffic stream to the traffic stream processors database.

New graphic interface «Traffic monitor» for online monitoring has been developed. It enables:

- Display frames from photo and video fixation complexes in real time in a separate window in the form of multicrator.
- Display frame's thumbnails.
- Display the events and alarms separately.
- Display additional information concerning every alarm (including external databases).
- Set the filtering of incoming events to be displayed for the operator in a flexible way.
- Optionally display/hide the alarms, received by the operator.
- Receive the adapted sound notification while registering the alarm.
- Trigger the alarm manually.
- Confirm the alarm by the operator.
- Create printable copy of the selected event with all the parameters or export it to one of the general formats.
- Insert commentary notes to the events.
- Monitor the communication technical state with photo and video fixation complexes and external databases with corresponding indication to the operator.
- New graphic interface to work with events and alarms DB has been developed. It enables:
 - Search via selected databases.
 - Select different search and request criteria.
 - Create printable copies of search results with all the parameters or export it to one of the general formats.
 - Create in real time traffic databases, that should necessary be captured (for example vehicles, having left the traffic accident).
 - Print the sample with possibility of selecting the required fields to be printed.
- New DB format has been developed. It enables:
 - Store events and alarms
 - Perform integration with any extract systems of administrative violation while referring to BD «AutoIntellect» via stored PROCs with possibility to get information about maximum permissible dose violation.
 - Perform single-sided BD replication «AutoIntellect» into a single centralized BD by standard means of MS SQL database (in case when it is supported by MS SQL database).
 - Store 2,5 – 3 times as much events with images in comparison with 4.7.6
- Added possibility of filtering the unidentified numbers.
- Improved operation speed of events and alarms DB.
- Compatible with Windows 7.