SECUROS AUTO

LICENSE PLATE RECOGNITION

ISS

SecurOS AUTO is an intelligent image analytics module for SecurOS, which provides license plate recognition and comparative analysis for all types of vehicles.

SecurOS AUTO works in the wide range of external conditions, and is easily integrated into legacy security equipment & external databases. SecurOS AUTO is an effective tool for the solution of registration tasks, identification & access control of vehicles, and control and management of traffic.

AUTOMATION OF PARKING INSTALLATIONS

solution for parking areas, providing vehicle safety, increase of speed and quality of service, and reduction of unauthorized access, fraud and theft

automatic registration and archival in database of video image, date, time, plate number

simplified information search in database on the plate numbers, date and time of parking

integration with barriers, automatic gate and parking management systems

optional vehicle signature analysis - compares faceplate of vehicle at entry/exit

PROTECTION OF STRATEGIC AREAS

effective component for strategically sensitive areas, such as industrial enterprises

automatic registration of car arrival / departure with data storage of plate numbers, date and time of pass

remote management capabilities

integration with the gravimetric equipment, devices on entrances/exits, as well as with workflow systems for effective automated account management

creation of detailed statistical reports

video-control in real-time of loading / unloading processes of raw materials or finished goods

SecurOS AUTO GUI

MUNICIPAL SERVICES

integrate with third party traffic management software to create a safe traffic hub for municipalities

restrictive entry into municipal areas based on preset policies

creation of detailed statistical reports

integration with toll payment systems

effective tool for police and other municipal services: vehicles may be flagged for search, analysis and alarms for infringement of road rules

KEY FUNCTIONALITIES

detection of a car in frame with automated choice of the frame for optimum size and clearness of license plate

database synchronizes and allows search for all images, video, information of time, date, and direction of vehicle pass

creation of local black lists / white lists / informational lists of license plate numbers

integration with external databases, including prohibition/permission of pass, automatic notification regarding pass of vehicle with flagged license plates

capable of effective recognition at speeds of up to 150 kph (90 mph)

SUPPORTED COUNTRIES

Azerbajhan	Poland
Belarus	Portugal
Belgium	Russia
Brazil	Singapore
Bulgaria	Slovenia
Canada*	Spain
France	Tahiti
Italy	Taiwan
Kazakhstan	Turkey
Latvia	UAE (Abu Dhabi)
Lithuania	Ukraine
Malaysia	United Kingdom
Moldovia	United States*
Paraguay	

* individual states may need to be programmed

ADVANTAGES

provides advanced reaction capabilities and automatic operator notification based on license plate recognition and/or comparison with information from a database

integration with the third party equipment and devices: barriers, automatic gate, automatic systems of calculations, etc.

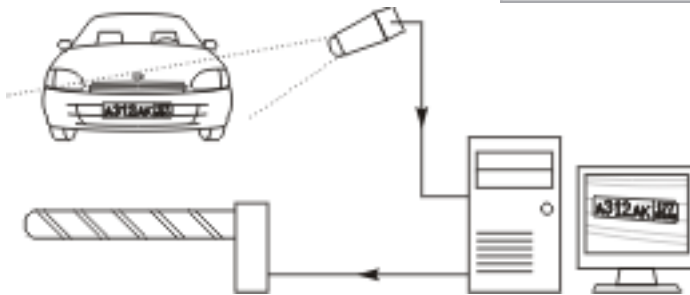fast adaptation for work with new standards of license plates

high quality recognition in various conditions and luminosity

organization of video channels, remote real-time management, access to the archive and remote control of the system

effective solution for tasks of different complexity: from management of parking areas, to traffic control in scales of enterprise, i.e. cities and highways

METRICS

Allowable speed of vehicle movement	up to 150 km/h (90 mph)
Recognition accuracy in daylight and at nighttime with artificial illumination greater than 50 lux	greater than 95%
Recognition accuracy at night with no artificial illumination (illumination less than 50 lux)	greater than 60%
Size of the controlled area for a single camera	width: 4m / length: 20m
Allowable interval of vehicle movement (behind the car / behind the truck)	1.5m / 4m
Distance from camera to car license plate	75m max / 4 to 12m optimal
Volume of vehicle information stored by the system (for 100GB HDD)	not less than 5 million records
Time of search of information in database (for database of 10 million records)	less than 0.2 sec
Allowable angle of view from camera towards license plate (vertical / horizontal)	+-40° / +-30°

Recognition Accuracy

95% greater than
in optimal conditions

For more information, please contact your local dealer: