

axxon

auto Intellect™

Software module for traffic monitoring
running with Intellect Enterprise



Monitoring, controlling and managing traffic or vehicle fleets is critical to a successful transportation operation, for both public and commercial enterprises. Your organization may be responsible for law enforcement and must track public and/or government-issued vehicles as part of your crime reduction efforts. Or, you may need to track vehicles, manage on-site car parking spaces, and warehouse traffic in real-time. To keep your wheels on the road, you need a solution tailored to your specific transportation and traffic challenges.

Axxon's Auto Intellect will keep your transportation system on course. Our solution easily interfaces with your existing hardware and software – no matter what type you have. Simple installation, easy setup, and increased accessibility are yours with Auto Intellect.

Traffic Monitoring

Traffic congestion is a constant challenge for both public services and commercial enterprises. With Auto Intellect, there's no need to spend large amounts of time, money and manpower to uncover and solve problems. Intelligent transport and traffic detectors give you the real-time data you need to keep your transportation network on course – and prevent problems before they start.

License Plate Recognition

Powered with top technologies from ARH system recognizes and logs car license plates – even on moving vehicles – and compares them to a database of numbers. It also logs all vehicles that pass through a specified zone, records an image of the car and plate, and notes the date, registration time, and direction of each vehicle.

Use Auto Intellect to identify stolen or hijacked vehicles, automate transport registration, and provide access control at secured locations. You can even use it to plan out and monitor important parking areas. For automated parking lots, Auto Intellect saves money and provides even more features.

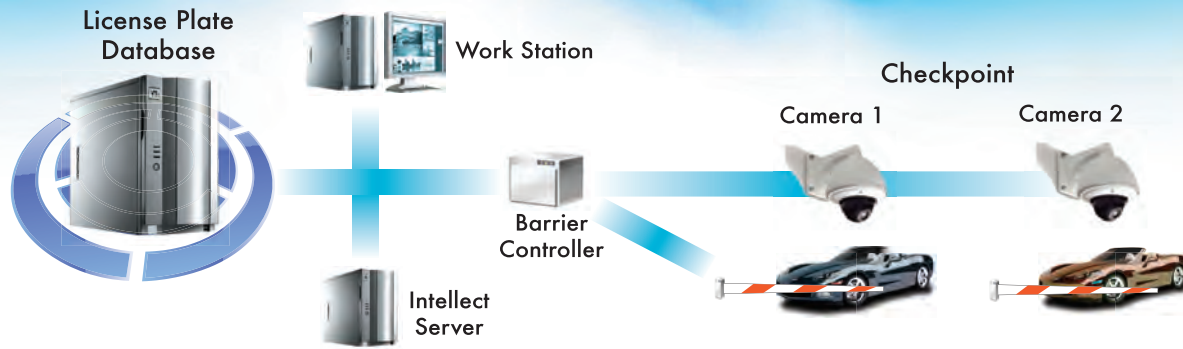
LICENSE PLATE RECOGNITION

- Dynamic (Auto FreeFlow, up to 250 km/h)
- Static (Auto Parking)
- Accuracy - above 95%
- Recognizes any license plates containing Arabic, Latin, Cyrillic Chinese, Korean characters
- Integration with access control systems
- Blacklist check
- Speedgun integration

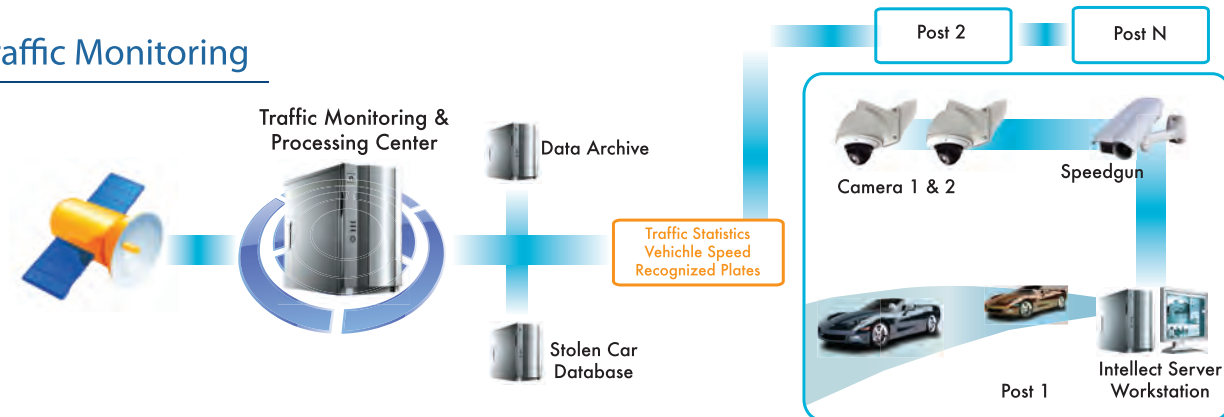
TRAFFIC MONITORING

- Traffic statistics collection and analysis
- Traffic lanes per camera - Up to 6
- Pre configured settings of vehicles types
- Automatic detection of road rule violation

License Plate Recognition



Traffic Monitoring



Auto Intellect
Technical Specifications

License Plate Recognition		Traffic Monitoring	
Max Vehicle Speed	Up to 250 km/h	Traffic Lanes per Camera	6
Quality of Recognition	Above 95%	Both directions on the same camera	Yes
Archive Search	By Recognized Number By Notes By Period of Time Filtration by Speed	Automatic Event Detection	Speed Limit Violation Forbidden Overtake Forbidden Stop Opposite Traffic Direction Wrong Vehicle Type Traffic Jam
External DB Connection	Blacklist Stolen Cards Granted Access	Pre-Configured Vehicle Type	Motorcycles Passenger Cars Trucks up to 12m length Trucks longer than 12m Buses
Supported Countries*	- Recognizes any license plates containing Arabic, Latin, Cyrillic Chinese, Korean characters - More than 200 countries supported		
Compatible Speedgun	Iskra, Radis, Rapira, Berkut, Python, Speed Gun		

*Note: List of supported license plate types may be extended upon request.