

The multi-channel vehicle recognition system designed for vehicle access control and parking solution and optional one- or double-level security

Features:



License plate recognition with free updates almost monthly

Vehicle type recognition (Car, SUV, VAN, LCV, Truck, Bus)

Vehicle color recognition



(10 colors)

Vehicle make recognition (74 brands - AUDI, BMW...)



Vehicle model recognition (632 cars models)

Vehicle direction detection (entrance /exit)



Cameras relay outputs through ONVIF

Vehicle count in the parking lot



Free full-featured demo **for 30 days**



Real-time alerts



Duration of 'vehicle stay within perimeter' management

Manage executive devices via ICP DAC (ethernet relay module)



License Plate and Vehicle Make-based double-level automated access available

Technical parameters:

Accuracy rate **>95%**

Worldwide (Europe, Asia, Africa, Oceania)



Up to 36 channels per server (virtual machine)



Database volume (Firebird)



Window 7 /10 / Server 2012/16



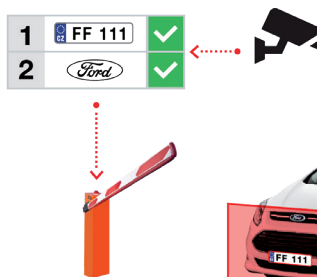
2.5 ml recognition events



List management (up to 100 different groups, 100 000 License Plates)



240 km/h maximum vehicle speed, subject to number of lanes and camera resolution



Integration:



RTSP

H264

Motion JPEG

Video files

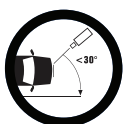
Scene Requirements:



license plate is more than 130px in width



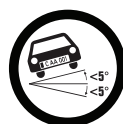
license plate is readable



vertical angle is less than 30°



horizontal angle is no more 30°



tilt angle is less than 5°

Use cases:

Checkpoint



- Automatic opening of barriers by the whitelisted license plates.
- Calculation of the time spent in the territory on the exit.
- Car leaving based on time spent in the territory.

Parking spaces



- Fixing the fact of entry/exit
- Counting the number of cars
- Calculation of the time spent in the territory in real time
- Additional logic for car entry: number of free parking spaces, allowed number of free parking spaces for a specific car group.

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