



NMS ANPR

AUTOMATIC NUMBER PLATE RECOGNITION
VER. 2.0



AAT SYSTEMY BEZPIECZEŃSTWA sp. z o.o.

PROFESSIONAL SOFTWARE FOR AUTOMATIC LICENSE PLATE RECOGNITION

When a vehicle appears in the camera's field of view, software analyzes the image and reads the registration plate. All the results, including date, time, photo of the license plate and other parameters, are being saved in the database. The application is able to control executive mechanisms (gates or barriers) and allows to define specific reactions depending on the recognized license plate.

NMS ANPR 2.0 IS AN IMPROVED, FASTER SOLUTION FOR VEHICLE ACCESS CONTROL

improved recognition algorithm

higher efficiency

recognition accuracy exceed: 97%

enhanced functionality **less resources consumption**

Direct way to automation of transport access!



DATE	CHANNEL	REGISTRATION NUMBER	PHOTO/VIDEO*	ACCESS
22/05/2015	1	WN 7395G		GRANTED ✓
22/05/2015	2	KKD 006		DENIED ✗

*Video only when combined with NMS

SERVER-CLIENT ARCHITECTURE

The program enables creating distributed systems thanks to Client-Server configuration based on one common database. This is an important facilitation for structures, such as headquarters with its branches, because single server with license plates database is sufficient for vehicle access control at all these objects at once.

Analogically, such solution enables simultaneous control of multiple entries and exits in specific object while basing on one server.



AUTOMATIC REACTIONS

Due to reactions it is possible to configure event scenarios, e.g. to set alarm while someone is trying to exit the vehicle after the timeout and with no fee for guarded parking lot. Those automatic reactions with providing information to the operator make the NMS ANPR 2.0 an autonomous system.

CAR PARK MANAGEMENT

NMS ANPR 2.0 software automatically manages the car parks by counting parking spaces and entering/leaving vehicles. This enables the analysis of number of vacancies and the residence time at the parking lot in order to enter the lock in case they run out. In conjunction with function of reactions it is possible to display „No parking spaces available” message as a result of the verification of the use of total parking lot.

SUPPORTS UP TO 9 CAMERAS*

Depending on the chosen user's license, NMS ANPR 2.0 can support from one to nine video channels on one server.* Software identifies license plates of all European Union countries. The system has been tested for recognizing license plates of cars driving at the speed of up to 140 km/h.

*functionality available on request



FULLY AUTOMATED SYSTEM

Transport access control based on NMS ANPR 2.0 is a fully automated system. License plates of all vehicles that visited a particular area are continuously being saved in the database – that creates a full record of transit. User can view the video from the cameras in the live mode, preview and edit database or generate reports.

ACCESS MECHANISM CONTROL

NMS ANPR 2.0 software is able to control executive mechanisms (gates, barriers) so that only authorized vehicles can enter the site. This solution eliminates the necessity of installing additional access control systems. It also helps to improve mobility and increase safety.

USER-FRIENDLY OPERATION

Clear and intuitive interface ensures easy operation. Administrator defines permissions for individual vehicles by allowing them to access the site or by setting time restrictions.

INTEGRATION WITH NMS

NMS ANPR 2.0 can work as an autonomous software but it is also fully integrated with NMS program. This solution allows user to create reaction scenarios for identified license plate and links specific license plate number with archival video stream. It makes the verification of incident simple and quick.

