

# LICENSE PLATE READER ALL IN ONE SYSTEM

## Automatic Number Plate Recognition (ANPR)

The Nedap License Plate Reader is an Automatic Number Plate Recognition (ANPR) camera combined with wiegand communication ensuring easy and seamless integration into access control systems.

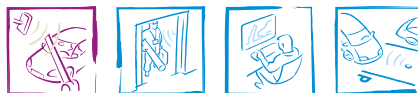
### Easy integration

Unlike most other systems, the Nedap License Plate Reader offers automatic number plate reading combined with wiegand communication. The Nedap ANPR reader transforms seamlessly integrated license plate reading into a wiegand badge reader output. It includes all hardware and software required to integrate in standard access

control systems, eliminating complex integration issues associated with alphanumeric license plates.

### All in one

Unlike most other systems, the License Plate Reader is an all-in-one system that embeds camera, illuminator and processing in one compact weatherproof housing. There is no need for a roadside cabinet with PC and software. Management is easy with the embedded web browser interface, through the also available Ethernet connection.



## Accuracy

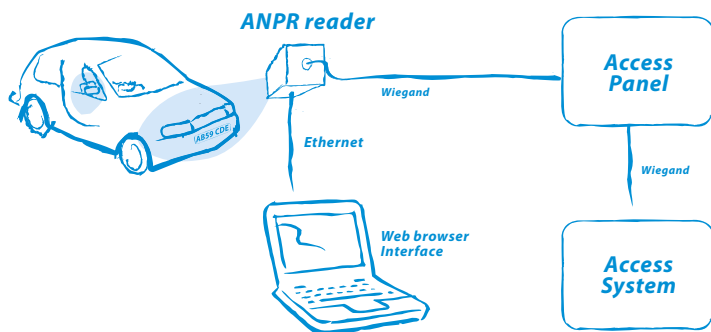
Accuracy of plate reading is very high due to the high resolution image sensor and the very fast image processing embedded in hardware.

## Range

Various lens configurations make it possible to read number plates from close-range 4 to 6 [13 to 19.6 ft] meters for vehicle access applications.

## Easy set up

The Nedap ANPR unit allows for simple set up and easy deployment. The embedded browser based interface is supplied for initial configuration and on-going management. The module provides wrong plate detection and notification information.



## Plates & Countries

The License Plate Reader recognizes specifically number plates. That means if an ANPR reader reads a plate that cannot exist in the syntax of the recognized country, the ANPR reader will already drop this read because it cannot exist and will not send a plate number, just a no-read message. The actually read string can be traced in the log but is not transmitted to the access panel.

## Web browser interface

The web browser interface also allows the integrator to configure the transmitted wiegand ID strings of the ANPR reader. Upon reading of the license plate the ANPR unit will refer to the database and transmits the corresponding wiegand ID via the set wiegand format to the access control panel. If the wiegand ID is authorised access is provided.

## Internal database

The Nedap ANPR reader is featured with an internal database that matches the license plate to a specific valid Wiegand number (i.e. the already existing card number of the person that drives the car. This matching can be done easily and from a remote location using the web browser interface. Multiple ANPR readers can be updated at once. If the local ANPR database is used, only known IDs will be transmitted to the access controller for authorisation. Unknown or misread license plates will not be approved and no Wiegand output is transmitted to the access control system. These events will be logged in the notification monitor of the ANPR unit.

If the connection between the access panel and the access control system is also based on Ethernet, the connection can be combined.

## Central database

Alternatively the Nedap ANPR unit also offers a central database option. In this case the ANPR unit will read the license plate and transmits this to the central database via the Ethernet connection.

## Expertise in Vehicle Identification

Nedap- founded in 1929 and based in the Netherlands - employs about 600 employees worldwide. Nedap AVI has an outstanding expertise in RFID technology and vehicle access applications. Our RFID solutions are tailored for vehicle applications, ensuring reliable operation for any vehicle gate environment. As one of the pioneers in RFID technology during decades, Nedap has established an impressive track record of vehicle identification installations worldwide in many different industries. Nedap's AVI system is considered the best in the market. Features as simultaneous driver and vehicle identification make the Nedap offering unique. Therefore Nedap is the perfect fit to any long range vehicle access application, offering a full product line for vehicle access. The latest addition to the product line, the uPASS Reach, is based on years of experience and expertise in this market.

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