

# ANPR ACCESS HD

| License plate reader for vehicle access control



## KEY FEATURES:

- Automatic number plate reading
- All in one system
- 6 high power IR Leds
- High Definition CCD sensor
- All European countries onboard
- World-wide countries available
- Range of action 6 to 10 meters [20 - 33 ft]\*
- Easy user configuration through web interface
- Supports identification of ADR hazard numbers
- 4GB internal multipurpose storage
- Digital I/O

The Nedap license plate reader is an all in one camera including High Definition camera, analyzer, and high power IR illuminator. The ANPR reader has processing software embedded onboard. By default, the license plate reader features RS485 and Ethernet communication interfaces.

The ANPR Access HD covers nearly all European countries and has a broad list of world-wide countries supporting a large range of IR-reflective license plates. The usage of a HD sensor, in combination with the high power IR, enables reading more complex number plates in more challenging circumstances and from a wider range.

## Easy configuration

The web interface allows you to easily configure the license plate reader. Here you can define the output messages for the RS485, Ethernet and digital I/O, load internal black/white lists, define the region of interest, network settings, etc.

## Wiegand Interface Module

Using the separate Wiegand Interface Module, the Nedap ANPR reader ensures easy and seamless integration into access control systems without worrying about integration associated with alphanumeric license plates. The Wiegand Interface Module can read a license plate and will operate similar to an access credential reader, converting the license plate into a Wiegand ID string to the access control panel. Since most access control systems support a Wiegand ID number, easier integration is achieved.

\* when used according to guidelines and under normal circumstances, default best focus 6-10 meters [20 - 33 ft]

## Applications

Applications include parking, crime prevention, toll systems, security & access control and logistics and customs. In addition, the license plate reader can be applied for applications where it is difficult to issue tags.

## Mounting

By default, the ANPR reader features a wall/pole mounting bracket.

# SPECIFICATIONS

Technical information	ANPR Access HD
Part no.	9982868 ANPR Access HD
Dimensions	200 x 120 x 100 mm [7.9 x 4.7 x 3.9 in]
Housing	Aluminium die-cast chassis with HIPS cover
Protection	IP65 [approx. NEMA4x]
Operating temperature	-30... +55°C [-22... +140°F]
Operating humidity	<90% non condensing
Power	24 VDC +10% linear supply recommended
Current consumption	7W
Range of action	6 to 10 meters [20 to 33 ft]*
Lane Width	Up to 5,5 meters [18 ft]
Object speed	Up to 140 km/h [87 mph] at appropriate distance
Camera optics	C-mount lens 12mm
Image sensing resolution	B/W CCD 1920x1080 pixels
Color	Monochromatic, 256 grey levels
Camera illuminator	High power IR850 nm
Input	1x digital inputs (opto-isolated)
Output	2x relay output
Insulated RS485	cable distance up to 1200 meters [3937 ft]
Ethernet	10/100 Mbps, TCP, UDP, FTP, HTTP, DHCP
Wiegand	Via Wiegand interface module, see datasheet.
Configuration	Easy LAN connection and configuration via integrate webserver, login and password protected.
Data message customization	String syntax fully configurable for integration with access control systems and third party software.
Supported number plates	An overview of available countries can be found here: <a href="http://www.nedapidentification.com/anpr-countries">www.nedapidentification.com/anpr-countries</a> Supports ADR hazard identification number
Number plate types	IR reflective number plate models
Result	Number plate character string and/or images
Mounting	Pole/wall mounting kit included
Accessories	9958789 Wiegand Interface Module
Document version nr.	4.3