

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 4 to 10 meters [12 - 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 8-10 meters

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 |
| Dimensions | 200 x 120 x 100 mm [7.9 x 4.7 x 3.9 in] |
| Housing | Aluminum 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 | 4 to 10 meters [12 to 33 ft]* |
| Default best focus | 8 - 10 meters [12 to 18 ft] |
| Lane Width | Up to 3,5 meters [9 ft] |
| Object speed | Up to 60 km/h [37 mph] at appropriate distance |
| Camera optics | C-mount lens 8mm |
| 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 |
| Communication: | |
| 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: www.nedapidentification.com/anpr-countries 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 |