

ANPR ACCESS HD

| HD license plate camera for vehicle access control

KEY FEATURES:

- automatic number plate reading
- range of action 6 - 10 meters (20 - 33 feet)
- 6 high power IR Leds
- High Definition CCD sensor
- identification of ADR hazard number plates
- all European countries on-board
- world-wide countries available
- easy user configuration



The ANPR Access HD is an all-in-one license plate camera, including embedded software, High Definition camera, analyzer and powerful IR illuminator. With a read range of 6 - 10 meters [20 - 33 feet], the HD camera ensures a smooth traffic flow in countries without IR reflective license plates.

Typical applications include vehicle access control, automatic toll collection, free flow applications at parking facilities or other situations in which it is difficult to issue RFID tags. If vehicles need to be granted access temporarily or incidentally, the license plate camera is the perfect solution.

Libraries

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 combination of a HD sensor with the powerful IR illuminator enables reading complex number plates in more challenging circumstances.

User-friendly configuration

The web based software enables easy configuration of the ANPR Access HD. It allows for configuration of the output messages for RS485 or Ethernet. In addition, digital I/O, region of interest, network settings, etc. can be defined.

Stand-alone solution

The option to configure white/black lists in the software enables the camera to be used as a stand-alone solution.

Easy installation

A mounting bracket is standard included with the ANPR Access HD to ensure easy installation. With this bracket, the license plate camera can be mounted onto a wall or pole. It also enables adjusting of the camera at the desired angle to ensure reliable reading.

Communication interfaces

The ANPR Access HD supports the industry-standard communication interfaces: RS485 and Ethernet. This enables seamless integration into any existing or new access control or parking system.

Wiegand Interface Modules

As most access control panels support Wiegand, easy integration can be achieved using the optionally available Wiegand Interface Module. This module converts license plate numbers into Wiegand ID strings. The Wiegand Interface Module ensures easy integration into any existing or new access control panel.

Technical specifications	ANPR Access HD
Part number	9982868 ANPR Access HD
Dimensions	221 x 131 x 126 mm (8.7 x 5.2 x 5 in)
Color	Monochromatic, 256 gray levels
Weight	2.5 kg (5.5 lbs)
Protection class	IP65 (approx. NEMA4x)
Material	Aluminum die-cast chassis with HIPS cover
Operating temperature	-30... +55°C (-22... +140°F)
Storage temperature	-20 ... +55°C (-4... +131°F)
Relative humidity	10% ... 93% relative humidity, non-condensing
Power supply	24 VDC +10% linear supply recommended
Power consumption	7W
Read range	distance: 6 - 10 meters (19.5 - 33 feet) width: Up to 5,5 meters (18 feet)
Object speed	Up to 140 km/h (87 mph) at appropriate distance
Supported license plates	IR reflective number plate models. Supports ADR hazard identification number - An overview of available countries can be found here: www.nedapidentification.com/anpr-countries
CPU	ARM freescale 256 MB DDR2
Camera optics	C-mount lens
Image sensing resolution	B/W CCD 1920x1080 pixels
Camera illuminator	High power IR850 nm
Camera optics	12 mm
Communication interfaces	RS485 - 1 line half duplex baud rate 1200, cable distance 1200 meter (3937 feet) Ethernet - 10/100 Mbps, TCP, UDP, FTP, HTTP, DHCP Wiegand - Via Wiegand Interface Module (see datasheet)
Relay output	2 relay outputs
Input	1 digital input (opto-isolated)
Output	Number plate character string and/or images
Cable specifications	Network (CAT5E) Power + IO (LiCY) 6 x 2 x 0.25 mm2
Cable length	Network: 5 meters (16.4 feet) Power + IO: 5 meters (16.4 feet)
Data message customization	String syntax fully configurable for integration with access control systems and third party software.
Standards	CE
Storage	4GB all purpose storage
Included accessories	Pole/wall mounting kit included
Optional accessories	9958789 Wiegand Interface Module
Document version number	5.0