Wiegand Interface Module

module for ANPR Access (HD)

Key features:
- ✓ converts license plate numbers into Wiegand events
- ✓ converts RS485 signal to Wiegand
- ✓ used in combination with the ANPR Access (HD)
- ✓ match list links license plate to Wiegand ID number
- ✓ easy integration into any access control system

The Wiegand Interface Module ensures an easy integration of the ANPR Access (HD) into any existing or new access control panel that support Wiegand. This module converts license plate numbers that are captured by the ANPR Access (HD) into Wiegand ID strings.

The Wiegand Interface Module receives the license plate information via RS485 from the ANPR Access (HD) and converts the signal into the required Wiegand format.

Match list
An internatal match list is available in the Wiegand Interface Module. This match list links the license plate to a specific Wiegand ID number (eg. driver's badge). Thanks to this functionality, no new numbers or license plates need to be authorized in the existing access control system.

Wiegand Interface Software
The match list can be managed remotely through the LAN interface of the Wiegand Interface Module. The module enables updating of multiple ANPR cameras once. The match list is stored locally in the database of the Wiegand Interface Software. Identified license number plates are verified with the internal match list. If the Wiegand Interface Module is used and match list is filled, only known ID's are transmitted to the access controller for authorization.

The Wiegand Interface Module detects the following events:
- no match event - a license plate is not matched to a Wiegand ID
- no plate event - a vehicle triggers the ANPR Access (HD), but no license plate is detected

These events are logged and can be outputted in a selected Wiegand badge number.

nedap

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Technical information	Wiegand Interface Module
Part number	9958789 Wiegand Interface Module
Dimensions	130 x 125 x 35 mm (5.1 x 4.9 x 1.4 in)
Color	Graphite gray (RAL 7024)
Weight	600 gram (1.3 lbs)
Protection class	IP20 (approx. NEMA1)
Material	Aluminum die-cast zinc alloy
Operating temperature	0... +55°C (32... +131°F)
Storage temperature	0... +55°C (32... +131°F)
Relative humidity	10% ... 93% relative humidity, non-condensing
Power supply	12...24 VDC +10% linear supply recommended
Power consumption	4W
Communication interfaces	Between Wiegand Interface Module and ANPR camera - RS485 Between Wiegand Interface Module and access control panel - Wiegand Optional between Wiegand Interface Module and PC to configure match list - TCP/IP
Supported Wiegand formats	Any Wiegand format up to 64-bits
Max. cable length	RS485: 1200 meter (3937 feet) Wiegand: 150 meter (492 feet) TCP/IP: 100 meter (328 feet)
Mounting	Desktop or wall mounting
Compatible readers	9949933 ANPR Access 9982868 ANPR Access HD
Standards	CE
Document version number	5.1