



## | wiegand interface module



### KEY FEATURES:

- Converts a license plate to a Wiegand event
- Converts a RS485 signal to Wiegand
- Contains a match list to link license plate to a Wiegand badge reader output
- Easy user configuration
- Easy integration into access controls systems

The Nedap Wiegand Interface Module is module allowing for easy conversion of the Nedap ANPR reader to a required Wiegand format.

### Use in combination with Nedap ANPR

The Wiegand interface module transforms seamlessly integrated license plate reading into a Wiegand badge reader output. It receives the license plate information via RS485 from the Nedap ANPR reader and converts the signal into a required Wiegand format to allow for easy integration into standard access control systems, eliminating time consuming integration associated with alphanumeric license plates.

### Automatic Wiegand configuration

The Wiegand interface module allows you to configure and convert the transmitted license plate into an automatic selected Wiegand format. Upon reading of the license plate, the Wiegand interface module will convert the license plate according to selected algorithm to a corresponding Wiegand ID (via the set Wiegand format) to the access control panel. If the Wiegand ID is authorized, access is provided by the access control panel. Multiple Wiegand formats are supported. Since most access control systems support a Wiegand ID number, easy integration is achieved.

### Match list

Additionally the Wiegand interface module can hold a internal match list. This match list will link the license plate to a specific Wiegand badge number (eg. driver's badge). The advantage is that no new numbers or license plates need to be authorized in the access system.

### Wiegand interface Software

The match list can be managed remotely through the LAN interface of the Wiegand Interface Module. Using the Wiegand Interface Software multiple license plate readers can be updated at once. The match list is stored locally in the database of the Wiegand interface software. Identified number plates will be verified with the internal match list. If the Wiegand interface module is used and match list is filled, only known IDs will be transmitted to the access controller for authorization.

Moreover the Wiegand Interface Module will detect the following events:

- no match event  
a license plate not matched to a Wiegand ID.
- no plate event  
a vehicle triggers the camera, but no license plate is detected.

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

### Applications

Applications include vehicle access.

# SPECIFICATIONS

Technical information	Wiegand Interface Module
Dimensions	130 x 125 x 35 mm [5.1 x 4.9 x 1.4 in]
Weight	600 g [1.3 lbs]
Housing	Aluminum die-cast zinc alloy
Protection	IP20 [approx. NEMA1]
Colour	Graphite grey (RAL 7024)
Operating temperature	0... +55°C [32... +131°F]
Operating humidity	<90% non condensing
Power	12...24 VDC +10% linear supply recommended
Current consumption	4W
Communication	Between Wiegand interface module and ANPR reader - RS485 Between Wiegand interface module and access panel - Wiegand Optional between Wiegand interface module and PC to configure match list – TCP/IP
Cable distance	RS485: 1200 mtr [3937 ft]
Wiegand	150m [approx. 500ft]
TCP/IP	100m [approx. 300ft]
Supported Wiegand formats	Any Wiegand format up to 64-bits
User interface	Configuration of license plate with corresponding Wiegand ID via separate Wiegand Interface Software, this software also allows you to configure the match list
Software	Wiegand Interface Software
Mounting	Desktop or wall mounting
Part nr.	9958789 Wiegand Interface Module
Operates with	9949933 ANPR Access 9982868 ANPR Access HD
Document version nr.	v4.2