

uPASS Go

Quick Install Guide

Power Supply:

Linear 24vdc 2-3 AMP

Cabling:

Shielded twisted 6 (18-22 Gauge) for communication wiring.
A separate pair (14-18 Gauge) for the power supply.

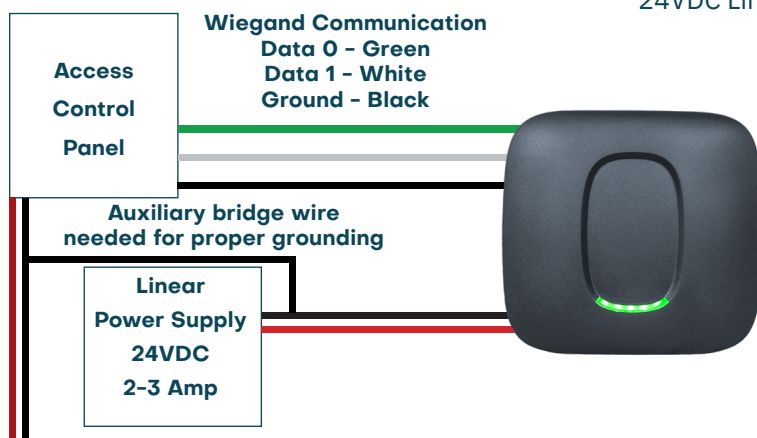
Tools:

- 1 T30 star bit screwdriver to open and access the reader
- 1 small flathead screwdriver for landing the wiring
- Wire strippers

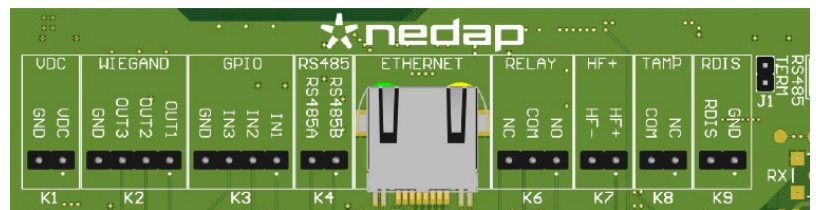
Wiring:

Left to Right - each terminal can be removed, wired, and reattached.

Grounding:



Out of the box, the reader is set to output Wiegand and the antenna is set to max read range and antenna power.



Power:K1

24VDC Ground -
24VDC Liner +

Wiegand: K2

Wiegand Ground - GND
Data 1 -- Out3
Data 0 -- Out2

OSDP: K4

RS485-A (negative)
RS485-B (positive)

Continuity is created by landing a jumper between the 12v ground powering the access control panel to the 24v ground powering the reader.

Additional Resources:

These are available for download through our IDS Knowledge Center at support.nedapidentification.com by creating a guest account.

- Install Guide (included in the reader box) PDF available online.
- UHFTool. Only needed if slight adjustments are needed. Out of box set to Max Read Range and setup to output Wiegand.
- Datasheets (available through the website or Knowledge Center)

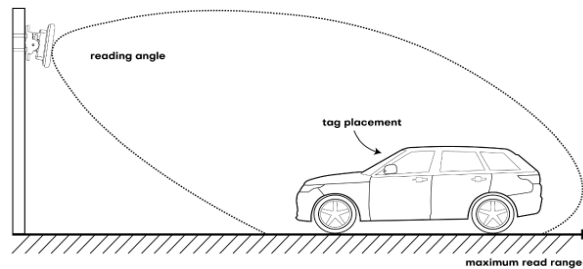
Quick Shots:

- Other communication wiring setups - pages 11 and 17 of the Install Guide
- OSDP Configurations - page 13 of the Install Guide
- UHF Windshield Tags and Exterior Tag Installation sheets (available in our Knowledge Center for download.)

Read Lobe Examples:

Maximum read range: 10 meter (33 feet).
 Antenna polarization: Circular
 Horizontal reading angle: 65°
 Vertical reading angle: 65°

Recommended installation height is between 2 and 3 meters.



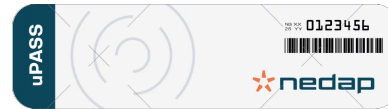
Tag Enrollment:

For Stock Tags, you will find the Facility Code under the description. UHF W26 FC:020. The tag number is printed on the box and tag as well.

For Special Programmed tags, this information is submitted by the customer.

You will be able to go in and enroll your tags with the knowledge provided above.

Stock & Special Programed Tags:

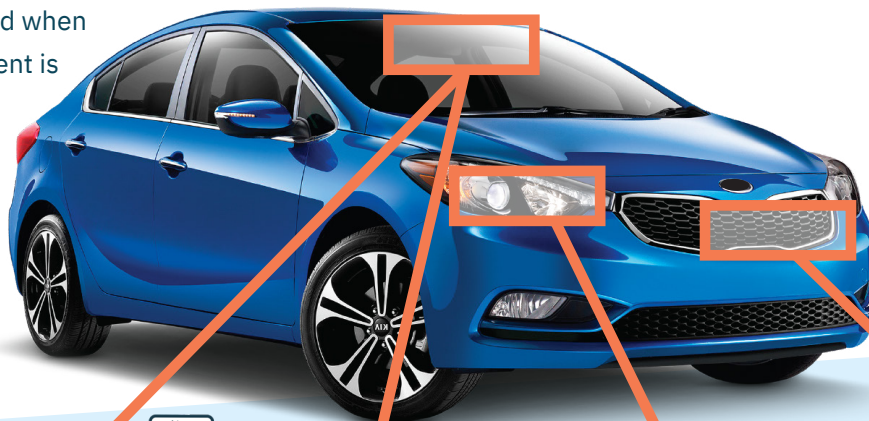


The new Stock and Special Programed tags have the same look. The bar code and tag number are printed on the front.

Tag Placement:

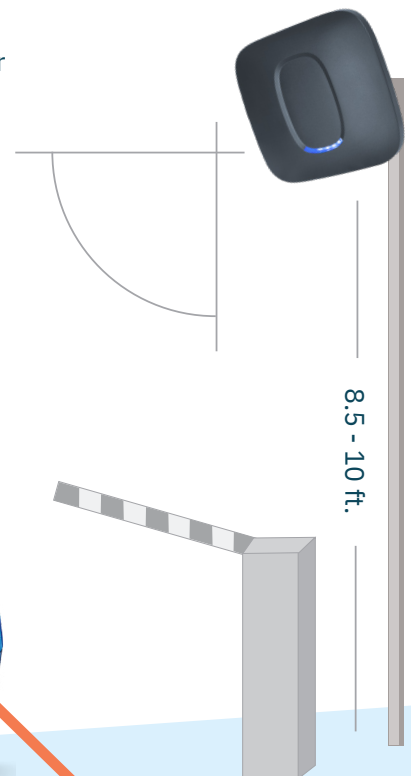
Two things block/affect all RFID reads and that is metal and water. Some high end vehicles and aftermarket tint in windshields will block the signal from reaching the tags. If metalized content is present in the area of application, there won't be a read achieved.

Best practice is to have a pack of External Sticker tags on hand as a workaround when metalized content is present in the recommended area of application.



Installation Height:

Best practice is to mount the reader 4-6 ft above the highest tag placement and angle the reader down and across (45 degrees) the read lane.



#9947426
W26 Stock Windshield
Sticker Tags
(Packs of 25)

#9988807
Special Programed
Windshield Sticker Tags
(Min. 200)



#9988823
Stock W26 Hang Tags
(Packs of 25)

#9988831
Special Programed
Hang Tags (Min. 200)



#9224726
Stock W26 External
Tags (Packs of 25)

#9215255
Special Programed
External Tags
(Min. 200)



#9224718
Stock W26 External
Heavy Duty Tags
(Packs of 10)

#9219641
Special Programed
External HD Tags
(Min. 10)