



# Mini Install Guide



# TRANSIT Ultimate

## Quick Install Sheet

Out of the box, the reader is set to output Wiegand 26 with FC of 10 with Dipswitches 2, 6, and 7 "OFF".  
Can be changed at the reader level.

### Power Supply:

Linear 24vdc 2-3 AMP

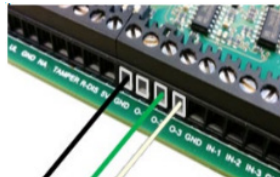
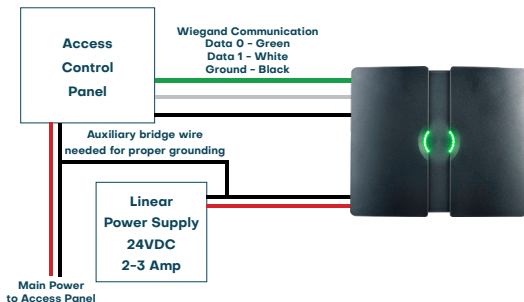
### Cabling:

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

### Wiring and Communication:

Data Ground	—	GND above 0-1
D0 (Green)	—	0-2
D1 (White)	—	0-3

### Grounding:

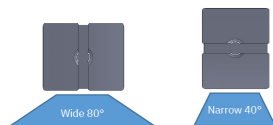


Continuity is created by landing a jumper between the 12v ground powering the access control panel to the 24v ground powering the reader.

Additional Resources: [portal.nedapidentification.com](http://portal.nedapidentification.com)

## Orientation:

Horizontally (normal application) the reader emits an 80-degree wide by 40-degree high oval beam. Vertically the reader emits a 40-degree wide by 80-degree high beam. This is recommended for multi-lane applications to prevent cross talk.



## Tag Enrollment:

Out of box the reader is set to output W26 with the FC of 10. The orange circle is the 6-digit W35 or higher ID number. The blue circle is the 5-digit W26 ID number. Do not include the dash or number after the dash.

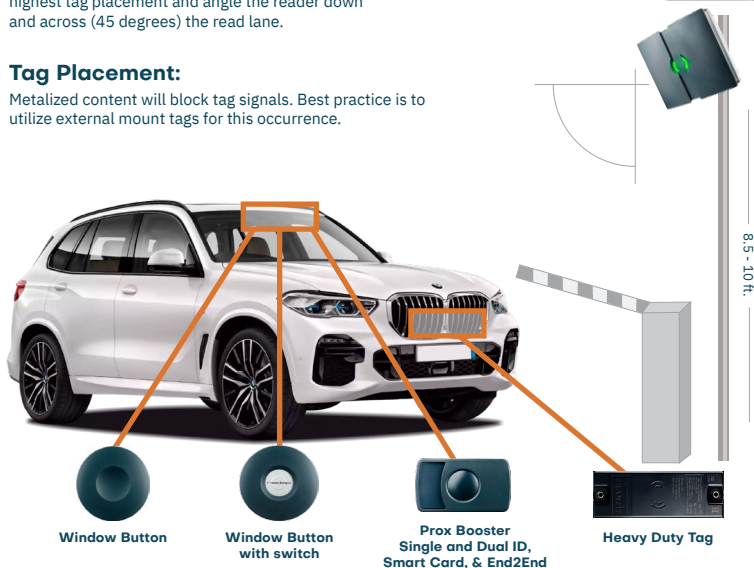


## Installation Height:

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.

## Tag Placement:

Metalized content will block tag signals. Best practice is to utilize external mount tags for this occurrence.



Window Button

Window Button  
with switch

Prox Booster  
Single and Dual ID,  
Smart Card, & End2End

Heavy Duty Tag

## Quick Shots:

- OSDP Installation Pages 13-15 Install Guide

# uPASS Target

## Quick Install Sheet

Out of the box, the reader is set to maximum read range and to output Wiegand Protocol. See manual for additional communication options.

### 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.



### Wiring:

#### Communication:

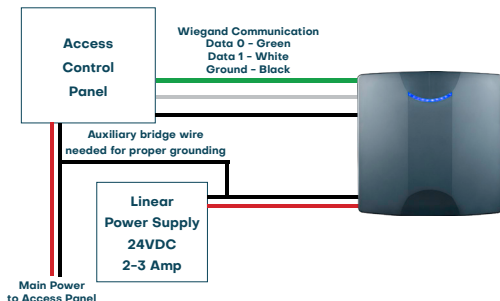


#### Power:



Pin	Function
1	-
2	Ground
3	DC+
4	-

### Grounding:



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: [portal.nedapidentification.com](http://portal.nedapidentification.com)

## Tag Enrollment:

**Stock Tags** indicate their programming and facility code on the box within the description UHF W26 FC:020).

**Special Programmed Tags** indicate their programming and facility code on the submitted order. You will be able to go in and enroll your tags with the information provided with your order.



**Stock Tag**

Preconfigured W26 with Facility Code



**Special Programmed Tags**

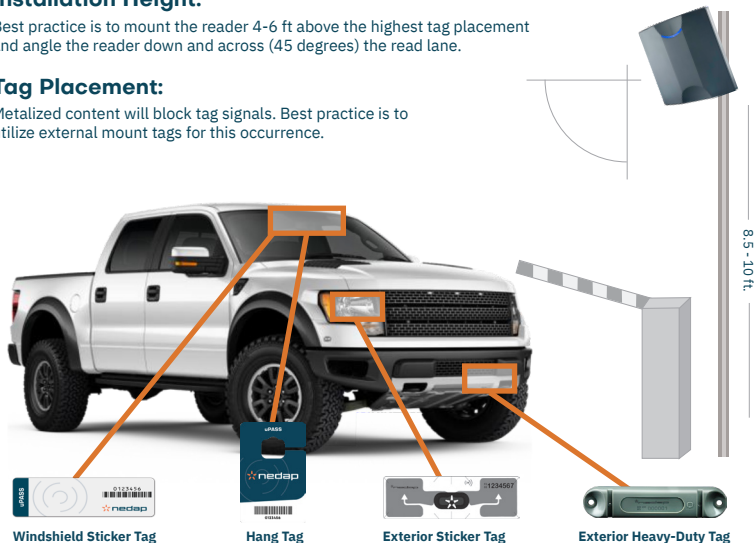
Special Order

## 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.

## Tag Placement:

Metalized content will block tag signals. Best practice is to utilize external mount tags for this occurrence.



## Quick Shots:

- OSDP Installation Pages 13-15 Install Guide
- UHF Windshield Tags and Exterior Tag Installation sheets (available on our Partner Portal for download.)

# uPASS Reach

## Quick Install Sheet

Out of the box, the reader is set to maximum read range and to output Wiegand Protocol. See manual for additional communication options.

### Power Supply:

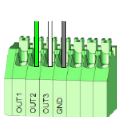
Linear 24vdc 2-3 AMP

### Cabling:

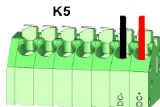
Shielded twisted 6 (18-22 Gauge) for communication wiring.  
A separate pair (14-18 Gauge) for the power supply.

### Wiring and Communication:

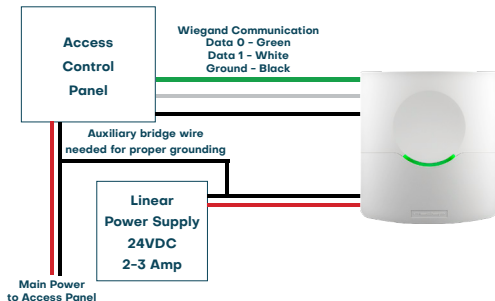
D0 (Green)      OUT-2  
D1 (White)      OUT-3  
Data Ground      GND



DC+ (Red)  
DC- (Black)



### Grounding:



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: [portal.nedapidentification.com](http://portal.nedapidentification.com)

## Tag Enrollment:

**Stock Tags** indicate their programming and facility code on the box within the description UHF W26 FC:020).

**Special Programmed Tags** indicate their programming and facility code on the submitted order. You will be able to go in and enroll your tags with the information provided with your order.



**Stock Tag**  
Preconfigured W26 with Facility Code



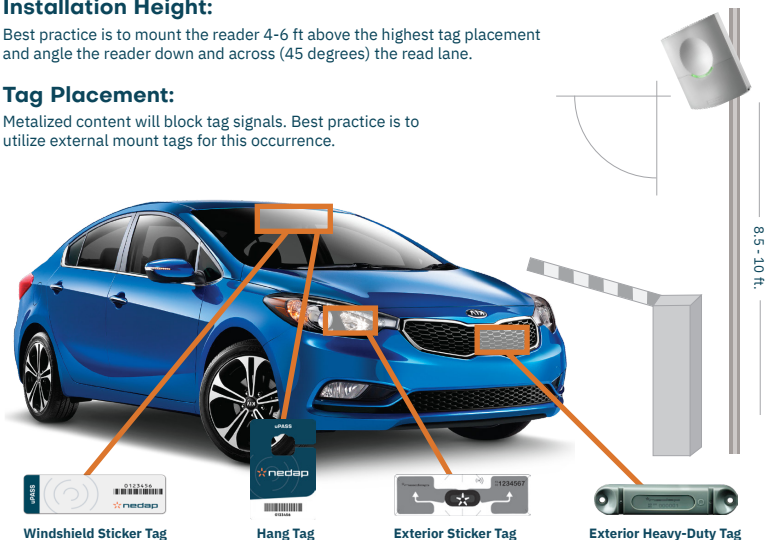
**Special Programmed Tags**  
Special Order

## 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.

## Tag Placement:

Metalized content will block tag signals. Best practice is to utilize external mount tags for this occurrence.



## Quick Shots:

- Other communication wiring setups Pages 17 & 18 of the Installation Guide.
- OSDP Installation Pages 19-20 Installation Guide.
- Dipswitch settings Pages 27-29 of the Installation Guide.

# Want To Stand Out?

What Are You Waiting For?



- Brand Visibility
- Personalized
- Enhanced Security
- Streamlined Operations
- Professional Image
- Improved Experience
- Hang Tags
- Sticker Tags



Scan the QR Code to set up a training on how Customize Your Business helps you stand out, grow your business, and your visibility!

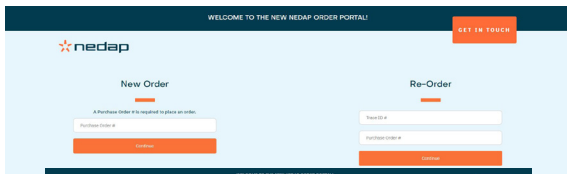




# Customization Made Easy

Your Business, Your Logo, Your Narrative

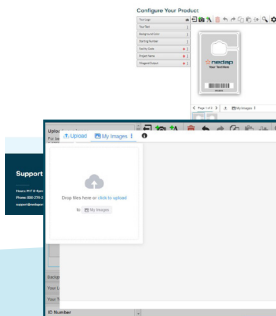
Login



Upload



Design



## What You've Been Waiting For!

Revolutionize Your Business starting at the gate by creating customized Nedap RFID hangtags and sticker tags tailored with your narrative.



# LPR LUMO

## Quick Install Sheet

The software is embedded in the camera. No additional license fees. See manual for additional wiring information.

### Power Supply:

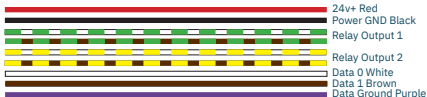
Linear 24vdc 2-3 AMP

### Cabling:

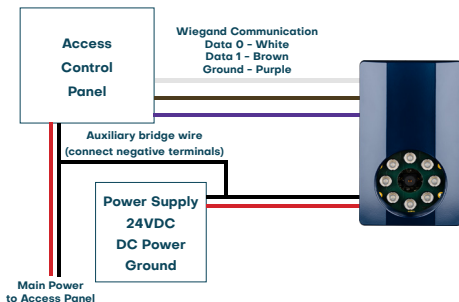
Shielded twisted 6 (18-22 Gauge) for communication wiring.  
A separate pair (14-18 Gauge) for the power supply.

### Wiring:

The LUMO comes with a wiring harness and network connection from the reader.



### Grounding:

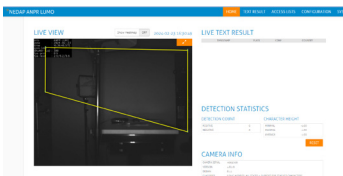
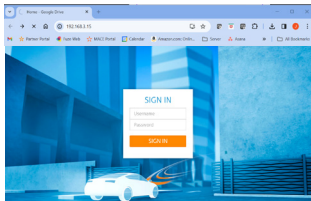


Continuity is created by landing a jumper between the 12v ground powering the access control panel to the 24v ground powering the reader.

Additional Resources: [portal.nedapidentification.com](http://portal.nedapidentification.com)

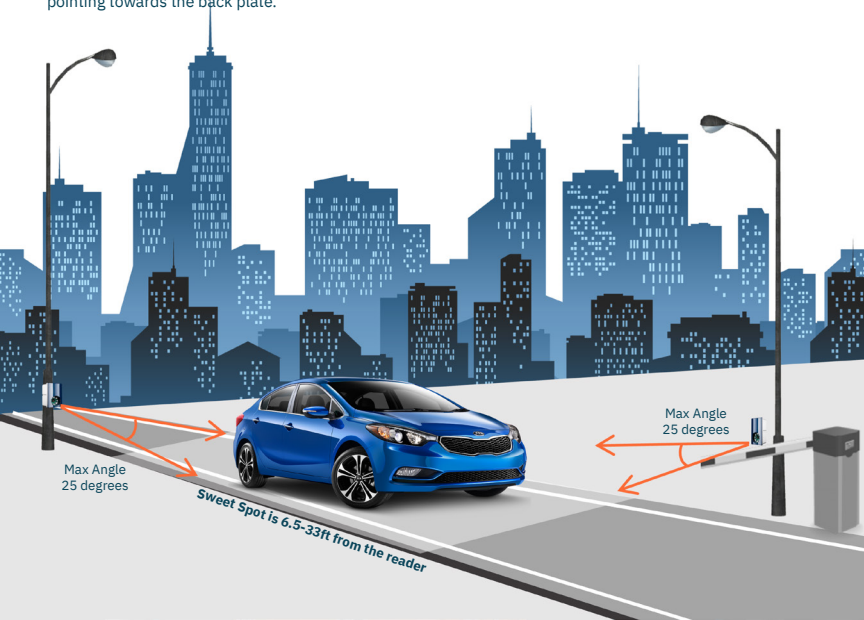
## Connecting to the LUMO:

Default address is 192.168.3.15. Default username is “admin” and the password is “secret”. This will bring you to be able to set up and configure the reader using an easy-to-use web interface. More details are in the installation guide.



## Installation Height:

Best practice is to mount the reader at license plate height (can be installed up to 14 ft high) and no greater angle than 25 degrees down a single lane. If the State does not require front plates the same applies but pointing towards the back plate.



**Scan the QR Code for additional resources.**

