

# Application Guide

A solid orange horizontal bar located below the title.

vehicle  
identification



people  
identification

# Revolutionize Your Security

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As the global leader in long-range identification and wireless vehicle detection, Nedap specializes in creating frictionless security environments. Our mission is to empower security, parking, and traffic management through high-end access control that never compromises on convenience. By bridging the gap between cutting-edge technology and decades of expertise, we ensure that millions of professionals experience seamless transit into buildings and secured perimeters every day.

**90+ years**  
as an establishment

**30+ years**  
experience in RFID

**HQ**  
based in Groenlo, Netherlands

**10 million+**  
vehicles authorized



**TRANSIT**



**LPR Lumo**



**nedap**  
**Ecosystem**



**uPASS Target**

**uPASS Go**



# Emergency Vehicles & Industrial Equipment

## Using Active TRANSIT RFID Technology

### Vehicle Identification that Exceeds All Expectations:

- Absolute best solution for large industrial sized vehicles
- Recognition at speeds up to 125mph
- Easy to implement
- Compatible with existing access control systems

### Simultaneous Vehicle and Driver Identification:

- Booster technology allows for both vehicle and driver IDs (Dual Authentication)

### Automated Vehicle Identification for Secure Access:

- Performs well under harsh environmental conditions
- Robust active 2.45GHz signal

### Enhances User Experience by Offering Long Read Range:

- Hands free access - up to 50 feet (33 ft. optimal)

### Extensive Portfolio of Tags for Every Situation:

- Compact Button
- Prox or Smartcard Booster
- End2End Booster
- Exterior Heavy Duty Tag



# Municipalities

## Active Solutions by Nedap

### Mounting Accessories:

Wall mount comes in the box with reader.



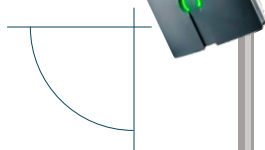
9215689 TRANSIT Ultimate Reader

9218327 TRANSIT Ultimate Weather Hood

5626595 TRANSIT Ultimate Pole Mount Kit

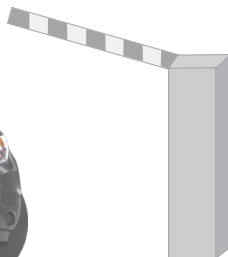


Reader angled down  
and across 45 degrees.



Best practice is to mount  
the reader 4-6 ft. above  
the highest tag placement.

8.5 - 10 ft.



### Compact Button

- Always on or Button Activation Options
- up to 40 ft. read range
- up to 10 year lithium ion battery life



### Prox & Smartcard Boosters

- Dual ID or Single ID options (Prox Boosters)
- up to 40 ft. read range
- AAA battery powered
- Smartcard Boosters read a portion of CSN



### End2End Booster

- Supports HID SEOS, iCLASS, Elite Keys, SEOS Mobile ID (Android only)
- up to 33 ft. read range
- Existing Applications Upgradeable with Tab Board Purchase



### Exterior Heavy Duty Tag

- Exterior Mount
- up to 60 ft. read range
- ATEX Rated
- Mountable directly to metal
- up to 10 year lithium ion battery life



# Surface Lot & Garage Parking

## Using Passive uPASS UHF Technology

### Cost Effective Solution:

- Absolute best value for high volume. Easy to implement, compatible with existing access control systems.

### Automated Vehicle Identification for Parking Access:

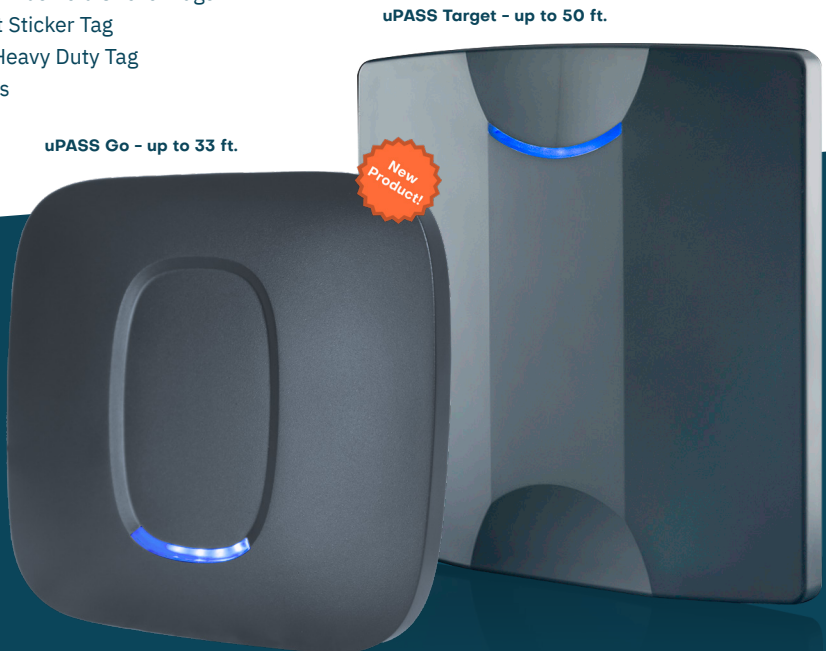
- Parking garages
- Parking lots
- Gated areas
- Passive technology 900MHz

### Enhances User Experience by Offering Long Read Range:

- uPASS Target: up to 50 feet read range (33 ft. optimal)
- uPASS Go: up to 33 feet read range (23 ft. optimal)

### Extensive Portfolio of Tags for Every Situation:

- Hang Tags
- Interior Windshield Sticker Tags
- Headlight Sticker Tag
- Exterior Heavy Duty Tag
- UHF cards



\* uPASS Reach is still supported

# Surface Lot & Garage Parking

## Passive Solutions By Nedap

### Mounting Accessories:

Wall mount comes in the box with reader.



9217371 uPASS Target Reader

9218335 uPASS Target Weather Hood

5626595 uPASS Target Pole Mount Kit

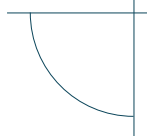
9234357 uPASS Go Reader

9567658 uPASS Go Weather Hood

9567593 uPASS Go Mount Set Extension

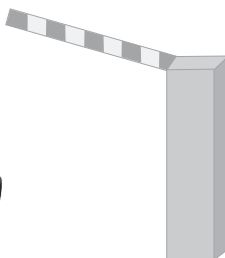
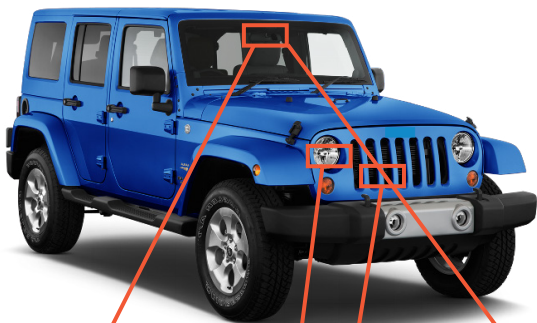


Reader angled down and across 45 degrees.



Best practice is to mount the reader 4-6 ft. above the highest tag placement.

8.5 - 10 ft.



### Windshield Sticker Tags

- Cost Effective
- Long Range (Passive)
- Inside Application
- Special Order Tags Available



### External Tags

- Metalized Content Workaround
- Exterior Mounted Sticker Tag
- Heavy Duty



### Hang Tags

- Moveable
- Visitor Management
- Campus Parking
- Customization Available



### Cards

- ISO & Combi Options
- Moveable
- Dual Technology in a Single Credential



# Why Customize?

What Are You Waiting For?



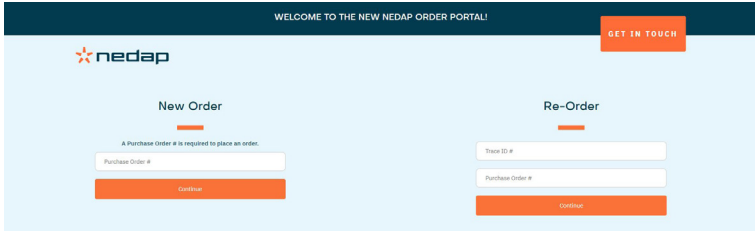
- **Brand Visibility**
- **Personalized**
- **Enhanced Security**
- **Streamlined Operations**
- **Quick Lead Time (3-5 weeks)**
- **Professional Image**
- **Improved Experience**
- **Hang Tags**
- **Sticker Tags**



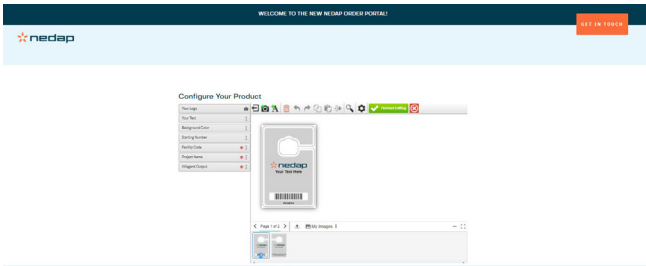
# Customization Made Easy

Your Business, Your Logo, Your Narrative

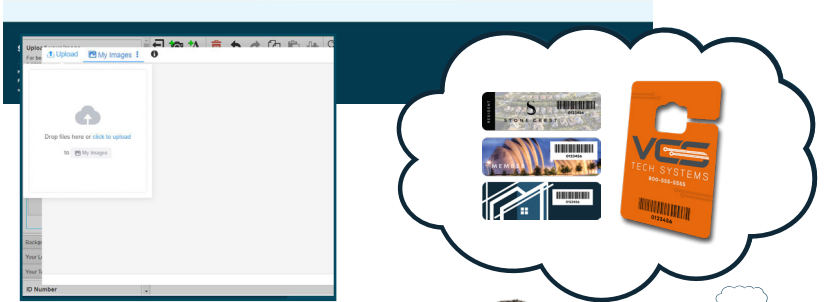
Login



Upload

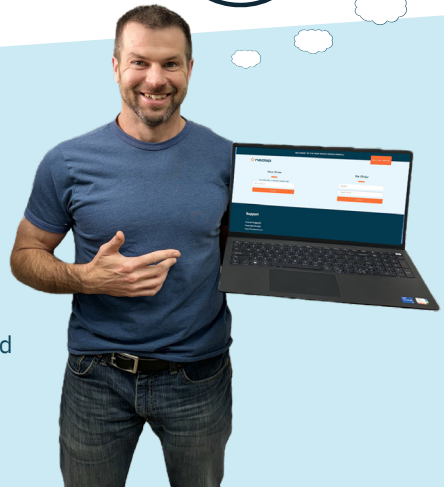


Design



## 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.



# Visitor Management & Secondary Parking Access

## Using LPR Technology



### All-In-One License Plate Camera:

- No additional software required
- Easy to implement
- Can be used as a standalone or is compatible with existing access control systems
- Supports industry-standard communication systems

### Back-up Parking Access:

- LPR can be used to back up existing RFID systems
- Can be used for dual authentication

### Enhances User Experience:

- Barrier-controlled and free-flow applications
- Uses plates for credentials
- 8 to 33 feet read range
- Identification speeds up to 100 mph
- Visitor management
- Tamper notifications available
- Detects vehicle direction



# Convenient Parking

## Nedap LPR LUMO Solution



### Mounting Accessories:

Reader comes with pole mounting kit.



9986138 LUMO Reader

Reader should not be angled more than 25 degrees up and down or side to side.



Ideal installation placement for the LUMO is at bumper height (2 ft. height) about 6-9 ft. behind the barrier.

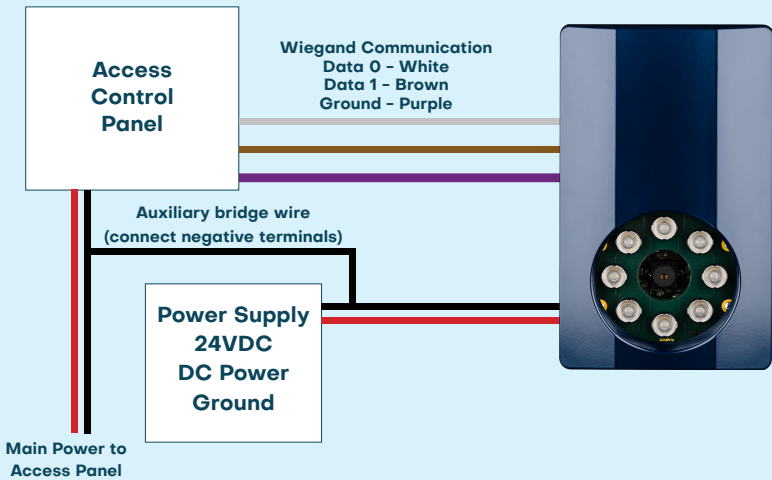
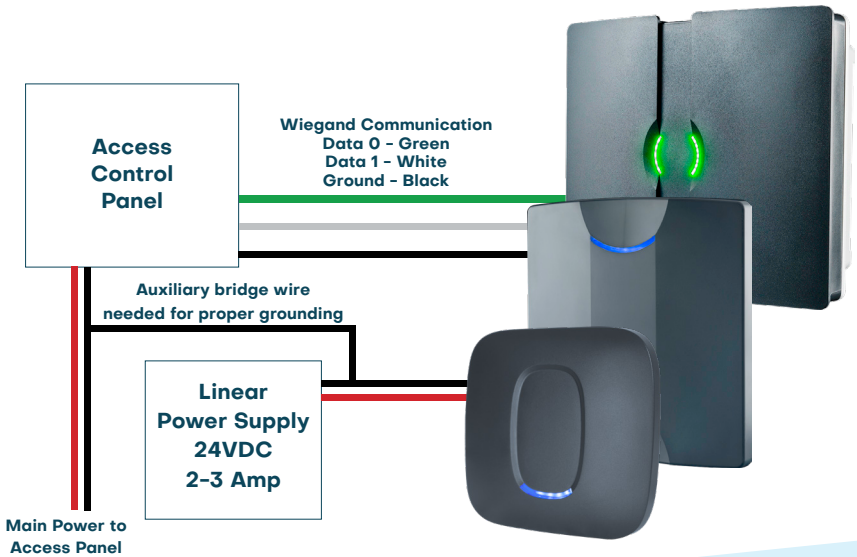
Max Height: 14 ft.

**Optimal Read Zone 8 – 33 ft.**

With states that don't require the front plate, you can set the reader to point at the back of the vehicle, but you have to have enough of a lane to get the read between 8 and 33 ft. for detection.

# Application Note

## TRANSIT, uPASS, and LUMO Grounding



# Product Verticals

Applications	Product Line		
	uPASS (900MHZ)	TRANSIT (2.45 GHZ)	LUMO
Military		● ●	
Airport	●	● ●	
Government	●	● ●	
Parking	● ●	● ●	● ●
Industrial	●	● ●	●
High-End Vehicles	●	● ●	● ●
Transportation & Logistics	●	● ●	●
Mining		● ●	
HOA/Gated Community	● ●	●	● ●
Education	● ●	●	●
Healthcare	● ●	●	●
Condominiums	● ●	●	● ●
Multi-Tenant	● ●	●	● ●
People/Door Access	●	●	
Arenas	● ●		●
Car Wash	● ●		●
● Commonly used vertical fits for Nedap products	Tag Type: Passive	Tag Type: Semi-Active	Tag Type: License Plate
● ● Go to Product Line			

## Projects to Note

### Utility Companies

Marathon Petroleum Canton, OH  
 Kansas City Power & Light  
 Dominion Energy Richmond, VA

### Sport Venues

Lucas Oil Stadium (Indianapolis Colts)  
 WWE Corporate Facility  
 Gillette Stadium (New England Patriots)

### Transportation

Alaska Department of Transportation  
 Des Moines (IA) Transit Bus System  
 Oregon Department of Transportation

### Airports

Ottawa International Airport  
 Cincinnati Airport  
 Taxi Management (LAX)

### Corporate Facilities

ESPN, Inc Headquarters  
 Bill Gates Foundation  
 Toyota Manufacturing

### Education

Duke University Parking Facilities  
 Stanford University  
 Yale University Enforcement

### Government & Military

Department of Homeland Security (Buffalo, NY)  
 Fort Bragg Military Facility (Fayetteville, NC)  
 Kansas City IRS Entrance  
 Alaska DOT

### Casinos/Luxury Residential

Palace Casino (Las Vegas, NV)  
 Panorama Towers (Las Vegas, NV)  
 Oklahoma City

### Commercial Complex

Eaton Center (Toronto) - Largest TRANSIT Project in the World



# Tuxen & Associates

Business Journey Partners

**Serving our Client Nedap in the Americas**

## Contact Info

**Phone: 417-339-7368**

**Press 1 for Orders and Shipping Department**

**Press 2 for Sales Department**

**Press 3 for Technical Assistance**

## Purchasing

**You can obtain pricing from our Distribution Partners.**

(List available upon request.)

If you have direct pricing, POs must be submitted through: [orders-ids-us@nedap.com](mailto:orders-ids-us@nedap.com)

- All items ship out of Chicago area.
- Normal Stock items have a lead time of 3-4 days.
- Special Programmed tags have a lead time of 4-6 weeks once all proper information is received.
- Customize Art tags have a lead time of 3-5 weeks once artwork has been submitted.

### ☆ **Tracking Information:**

For tracking or status of a PO, please email with PO # in subject line to: [orders-ids-us@nedap.com](mailto:orders-ids-us@nedap.com)

# Schedule a Training

Scan the QR Code and Help us Tailor a Training to Fit Your Needs

## Discovery Sessions

- Who Is Nedap?
- The Nedap RFID Ecosystem
- Installation Best Practices
- Broad Sales & Technical Training
- Nedap, A Perfect Fit For Your Business
- Live Personalized Virtual Training



## Deep Dive Sessions

- Follows A Discovery Session
- Project Specific Support
- Additional Large Project Guidance



Scan Here to Schedule a Discovery Session and find out how we can help grow your Business with Nedap!



# Thank You

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Need more information? Check our portal.  
Scan the QR Code.