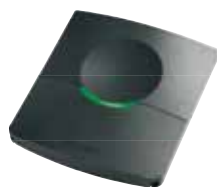




# HANDSFREE DOOR ACCESS

Long range person identification up to 12 ft [4 m].

Nedap's handsfree access solutions represents the latest in technology for secure handsfree doors access and other RFID applications. Our readers combine the convenience of traditional door automation with the security of restricted access.



*TRANSIT Entry reader*

is required. The systems read at distances up to 12 ft [4 m] reliably and consistently. They represent the ultimate solution to address the need for fast access to areas where a high level of security should be maintained, but has previously not been technically possible.

## A perfect fit

It makes a perfect fit to any door or vehicle gate environment where handsfree access



*uPASS Reach reader*

In addition these solutions can be adopted for use as a traditional Automatic Vehicle Identification solution, allowing for convenient vehicle access.

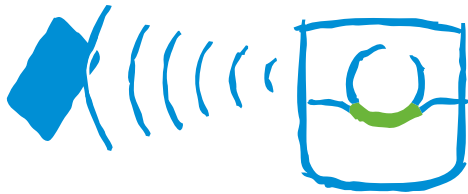


# QUICK SECURE ACCESS EVERYWHERE



**Our handsfree access systems are made up of a reader and a tag. The readers are installed next to a door or gate. A long range tag visible in line of sight of the reader will be identified at distances up to 12 ft [4 m].**

Using a secure algorithm, the tag ID is decoded and transmitted to the host access system. The reader output allows the access system to quickly open the door or gate without the need to present an ID badge to the reader. The built-in beeper and high intensity LED provides audible and visual feedback that the tag has been read.



## Emergency rooms

Allow emergency workers and hospital staff quick, handsfree and secure automated access to critical entry doors, while eliminating the threat of unauthorized access.



## Disabled access

Convenient handsfree access for disabled persons.



## Secure warehouse facilities

Allow industrial workers and equipment operators handsfree access to roll up doors in secure warehouse facilities, while capturing a record of all access activity.



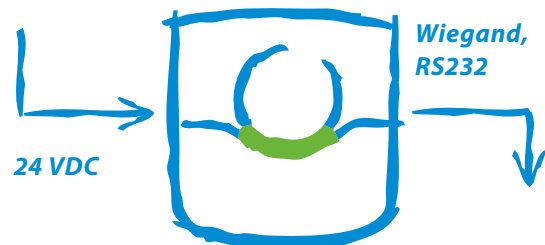
## Building access

Secure handsfree access to exterior and interior entry doors.



## Gated vehicle access

Convenient vehicle access to lower risk facilities such as gated communities, golf courses, parking garages and smaller corporate campuses.





## Handsfree access without complex installation

Our readers are designed to be an elegant compliment to any architecture. Its modern slim design makes it the perfect fit for any access control or parking installation. It can be installed on the wall next to a door or on the entry pedestal near a barrier. This can be accomplished without the need for any additional mounting accessories or wiring, when upgrading existing Wiegand reader installations. The readers can be mounted directly onto metal without impacting its performance.

## Optional card technology reader interface

Both technologies are available for different card technologies. The Entry reader can be featured with an optional proximity and ISO compliant smartcard interface, called Multi-Technology Reader module (MTR). This MTR interface will enable the reader to read standard proximity cards and smartcard CSN, allowing it to operate with existing credentials at short range, when presented to the face of the reader. The uPASS reader can be realized using the new Nedap UHF hybrid cards. The cards support UHF combined with card technologies used for access control and time & attendance installations, such as HID, EM, Mifare and Legic.

This eliminates the need for multiple readers mounted next to a door or gate. The interface offers the ultimate in systems compatibility with existing installations combining security and convenience into a single unit.



## APPLICATION EXAMPLES

### Door application

Detection angle 45 degrees. Read range up to 12 ft [4 m]. Integration into access control system.



### Vehicle access application

Detection angle 45 degrees. Read range up to 12 ft [4 m]. On-site adjustable read range in case of cross over reading. On-site adjustment of the frequency channel to avoid radio interference. Integration into parking management system.



# PRODUCT OVERVIEW



uPASS Reach reader

## uPASS READER

### uPASS Reach reader

Long range UHF parking access reader  
Operating frequency: 865 -955 MHz  
Dimensions: 7.9 x 8.7 x 1.8 in [200 x 220 x 45 mm]  
Detection range: up to 4 meters [12 ft]  
Interfaces: RS232, RS422 and USB  
Outputs: Wiegand and Magstripe ISO 7811/2  
Part nr: 9942319 uPASS Reach (region 1)  
9945466 uPASS Reach (region 2 & 3)

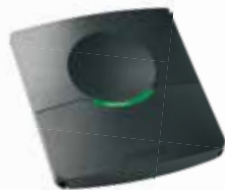


UHF ISO card

## TAG

### UHF ISO combicard

Single driver ID  
Identification: Driver ID  
Part nr: 9943943



TRANSIT Entry

## TRANSIT READER

### TRANSIT Entry

Long-range handsfree access reader  
Operating frequency: US 2.438 - 2.457 GHz  
Europe 2.446 - 2.454 GHz  
Dimensions: 7.9x8.7x1.8 in [200x220x45 mm]  
Detection range : up to 12 ft [4 m]  
Card compatibility MTR: 120-125 kHz: Nedap, HID prox,  
EM410x13.56 MHz: ISO 14443A,  
ISO 15693, HID iClass CSN  
Interfaces: RS232 (USB service interface)  
Outputs: Barcode 39, Wiegand 26-bit,  
Wiegand 32-bit, Wiegand 37-bit,  
Wiegand FF56, Omron and HID  
Corp 1000  
Part nr: 9876200 TRANSIT Entry

## TAG

### Compact Tag

Handsfree single ID tag, clamshell design  
Identification: Person ID  
Part nr: 9891900 Compact Tag

## Expertise in Vehicle Identification

Nedap- founded in 1929 and based in the Netherlands - employs about 600 employees worldwide. Nedap AVI has an outstanding expertise in RFID technology and vehicle access applications. Our RFID solutions are tailored for vehicle applications, ensuring reliable operation for any vehicle gate environment. As one of the pioneers in RFID technology during decades, Nedap has established an impressive track record of vehicle identification installations worldwide in many different industries. Nedap's AVI system is considered the best in the market. Features as simultaneous driver and vehicle identification make the Nedap offering unique. Therefore Nedap is the perfect fit to any long range vehicle access application, offering a full product line for vehicle access. The latest addition to the product line, the uPASS Reach, is based on years of experience and expertise in this market.

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[www.nedapavi.com](http://www.nedapavi.com)