



Nedap TRANSIT Long distance Automatic Vehicle Identification System (AVI)

Key Features

System

The Nedap TRANSIT system includes a long distance reader and a selection of tags, all compatible with the same reader.

Long Distance AVI Reader 9875220

- Includes Squelch Board for easy on site reader lobe adjustment
- Includes stainless steel wall mounting bracket with adjustable arm
- Standard, non-proprietary Wiegand output
- 33 feet read range
- Reads at vehicle speeds of up to 125 Mph
- Highly reliable reads under all conditions
- Directional system efficiently resolves multilane, entry and exit challenges
- Dual Vehicle and Driver ID using Combi-Booster tag w/HID Prox cards
- Works with full line of compatible special applications AVI tags



The reader operates at 2.45 GHz and can read the AVI tags at a distance of 33 feet at vehicle speeds of up to 125 Mph.

The reader output is an open architecture which easily interfaces with most access and parking systems, using several common interface protocols, such as Wiegand, RS232, Magstripe, BarCode, optional RS422 and TCP/IP.

The reader is directional and requires only one reader to be installed per lane. The reader features a built in controller board, antenna and a squelch board which allows you to do on site tuning of the reader lobe to best accommodate any given installation.

The reader lobe can be adjusted very accurately. The reader and tags function much like a flashlight and a mirror, with the tag reflecting the beam transmitted by the reader.

The reader wall mounting "elbow" bracket is used to initially aim the reader in the right direction. The reader placement in a vertical or horizontal plane is used to initially install the reader with a broad or narrow reader lobe.

Signal interference is also easily determined and adjusted for using a built in LED signal strength indicator on the main board.

Vehicle and driver ID data profiles are managed by the back-end access control system.

A pole mounting kit and a reader weather protection hood are available accessories for the reader

The TRANSIT system is an RFID technology which requires line of sight, between the reader and the tag.

Reader Pole Mounting Kit 5626595

- Pole mounting kit for Long Distance AVI Reader
- Attaches to standard wall mounting bracket supplied with reader
- Stainless Steel



Reader Weather Protection Hood 7562640

- Protection hood for long lasting exposure of the TRANSIT readers to extreme wet or sunny weather conditions
- Powder coated aluminum



Combi-Booster AVI tag with HID Prox reader 9888888

- Long range dual-ID tag
- Reads and transmits HID Prox card driver ID
- Transmits imbedded vehicle ID
- 33 feet read range
- Allows for simultaneous driver and vehicle identification
- User activated or optional automatic transmission
- 5 year battery life
- Factory replaceable battery
- Windshield mounting with three industrial strength suction cups
- Ideal for new or existing HID Proximity building access installations



This device lends itself well to installations where several different drivers are operating a pool of vehicles. Installations like Airport landside and airside access control, public transportation, Seaport loading/unloading facilities, Police/Fire and Security garages etc.

The Combi Booster is an in vehicle device, which has been designed to identify both the vehicle and the driver. This device acts as an in vehicle HID Prox card reader which also has its own embedded ID.

A driver will insert the HID Prox card into the device. The device will read the 125 kHz Prox ID once the card has been inserted.

When the tag arrives inside the reader lobe, both the HID Prox card and the embedded ID will be transmitted to the reader, either by user activation or automatically, thus identifying both vehicle and driver.

HID Card Booster 9848940

- Long range HID Prox Booster
- Boosts HID Prox range to 33 feet
- Reads and transmits HID Prox card driver ID
- User activated transmission
- 5 year battery life
- Factory replaceable battery
- Windshield mounting with three industrial strength suction cups
- Ideal for new or existing HID Proximity building access installations
- Best value in its class



Window Button AVI Tag Standard 9882650

- Long range single-ID tag
- 33 feet read range
- Automatically activated transmission
- Site specific read distance can be configured by reader tuning
- 5 year battery life
- Factory replaceable battery
- Designed to complement the interior of a passenger vehicle
- Windshield mounting with industrial strength suction cup



Window Button AVI Tag with Switch 9882480

- Long range single-ID tag
- 33 feet read range
- User activated transmission using built in switch
- Allows user to adjust timing and distance of read
- 5 year battery life
- Factory replaceable battery
- Designed to complement the interior of a passenger vehicle
- Windshield mounting with industrial strength suction cup



These single ID AVI tags are the preferred choice for installations where only vehicle ID is of any importance to the operator. Such as condo access control, employee vehicle access, parking access and revenue control etc.

The Window Button AVI tag with Switch is particularly well suited for installations where it is beneficial to allow the user to control tag reader timing and distance. Such installations include roll up door or gate controls in buildings with close adjacent traffic, such as downtown office facilities or areas that require visual clearing prior to gate activation. User activation reduces the need for on-site tuning of the system and allows the reader to be set for longer read distances.

Heavy Duty AVI Tag 9875689

- Long range Heavy Duty single-ID tag
- 33 feet read range
- Automatically activated transmission
- Designed for use in harsh environmental conditions
- Weatherproof
- 8 year battery life
- Mounts permanently or semi-permanently externally on a vehicle



The Heavy Duty tag is particularly well suited for installations in tough industrial environments such as truck yard management, loading/unloading process control, forklift activated door control, and trailer and container management and tracking applications.

The tag mounts to the exterior of the vehicle and has been developed and manufactured to withstand these particular challenges.

Compact Tag 9891900

- Long range vehicle and people ID
- 23 feet read range
- Works with the Long Distance AVI Reader # 9875220
- Credit card size (3.36 x 2.13 x 0.19 in.)
- Automatically activated transmission
- Can be read from both sides of the tag
- 5 year battery life
- Windshield mounted with adhesive tape or optional plastic holder with suction cups



The Compact tag is well suited as a semi permanent removable vehicle identification tag, its small size makes it easy to fit in a pocket or for dual use as a long range people access ID.

For more information please contact:

NEDAP AVI

Tuxen & Associates, Inc.

Exclusive Agent the Americas

427 Amanda Rd.

Ridgedale, MO 65739

Phone: (417) 332-0996

Fax: (417) 337-8889

E-mail: info-us@nedap.com

Web site: www.nedapavi.com

