

System overview



TRANSIT Edge

TRANSIT EDGE

TRANSIT Edge reader functionality

Long range stand alone access reader

Operating frequency: US 2.438 – 2.457 GHz

Europe 2.400 – 2.482 GHz

Dimensions: 12.2 x 9.8 x 3.9 in [310 x 250 x 100 mm]

Detection range : up to 33ft [10 m]

Power: 24 VDC

Outputs: by strike relay + aux relay

Inputs: by mon + REX (request for exit)

Relays: Wet or Dry

Part nr: 9876510 TRANSIT Edge

9876790 TRANSIT Edge Wireless



ACCESS FUNCTIONALITY

Authorizations: up to 1000 tag holders

Day time zones: 8 schedules and 3 intervals each day of the week including holidays.

Reporting: Standard report generation

Back up: Back up of 5000 events

Management: Remote web based access

WIRELESS FUNCTIONALITY

Type: Point to multipoint long range wireless
Ethernet radio

Frequency: 915 MHz

VEHICLE BASED TAGS

Window Button

Single ID vehicle tag

Identification: Vehicle ID

Part nr: 9882650 Window Button

9882480 Window Button Switch
(user activation)



Window Button Switch

Compact Tag

Handsfree single ID tag, clamshell design

Identification: Person ID

Part nr: 9891900 Compact Tag



Compact Tag

Nedap, a unique company

Nedap - founded in 1929 and based in the Netherlands - employs approximately 550 people worldwide. Our shares are listed on the Euronext Stock Exchange. Nedap is an innovative, solution-oriented company with a wide range of products, systems and services based on RFID technologies. Our systems are used in a wide variety of markets, offering the ultimate solution in secure and reliable vehicle and driver identification.



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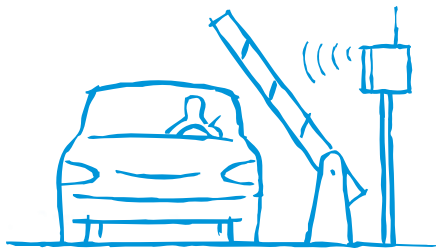
Out of the box gate access

Stand alone vehicle access solution

Fully integrated gate security package.

IP on the perimeter

All components required for the installation of a perimeter access system have been conveniently integrated into one IP65/Nema 4 rated housing, leaving little else to be done but mounting the unit and connecting the gate arm.



This stand alone solution, which does not require anything more than web browser access to the reader, has been developed to meet the increasing need for "out of the box" integrated perimeter systems solutions, requiring an absolute minimum of cabling while being completely IP compatible.

The TRANSIT Edge is a complete stand alone system developed to allow for quick, easy and cost efficient deployment of perimeter security access to a wide range of facilities.



Transit Edge

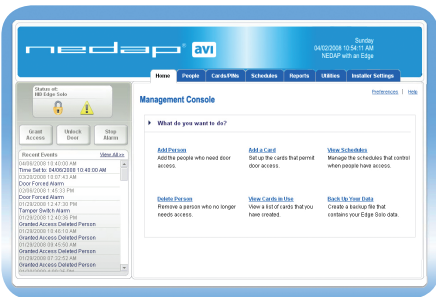
For full product information visit www.nedapavi.com

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Long range vehicle access solution

No Software needed!!

There is no software to install with the TRANSIT Edge. Using HID Edge technology, all control of access profiles and event logs are contained right at the reader level at each gate. The application can be accessed remotely via standard web browser. System will authorize up to 1,000 tag holders.



Screenshot Nedap AVI system

Connect to a PC or Network with a standard cable

The TRANSIT Edge connects directly to your central PC or network using nothing more than a standard CAT-5/6 cable and a DC power, and can be immediately deployed without any further installation required.

Go wireless

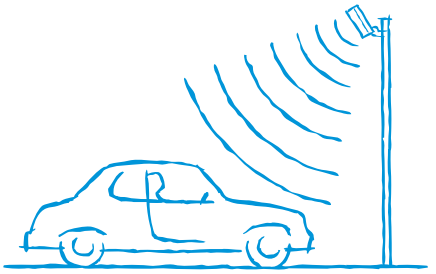
Optionally you can choose the TRANSIT Edge Wireless for seamless connection over long distances. This point to point system allows for wireless connectivity to a remote Ethernet host or network at distances up to several miles*.

* Subject to specific antenna configuration.

With the wireless option any gate can be automated, requiring nothing more than power on site. This effectively eliminates the need for any costly cable runs to a central controller or access panel..

Long range identification

The TRANSIT Edge unit has integrated long range reading functionality. The TRANSIT Edge can identify the tag up to 33 feet [10 m] as soon as it comes into range of the unit.



Read range up to 33 ft [10 m]

The system requires line of sight between the tag and the reader. The TRANSIT Edge unit is installed over or nearby locations where the vehicle needs to be identified. Using a secure algorithm, the tag ID is decoded and transmitted to the host system. The identification beam of the reader is a directed lobe.



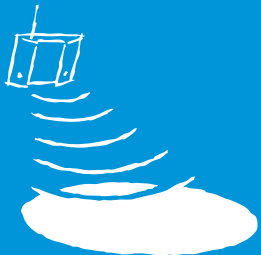
A wide variety of vehicle based tags are available. Vehicle based tags are programmed with a unique ID number and are mounted either to the windshield or to the exterior of the vehicle.



Installation

Reading range

Horizontal mounting:
Detection angle 80 degrees.

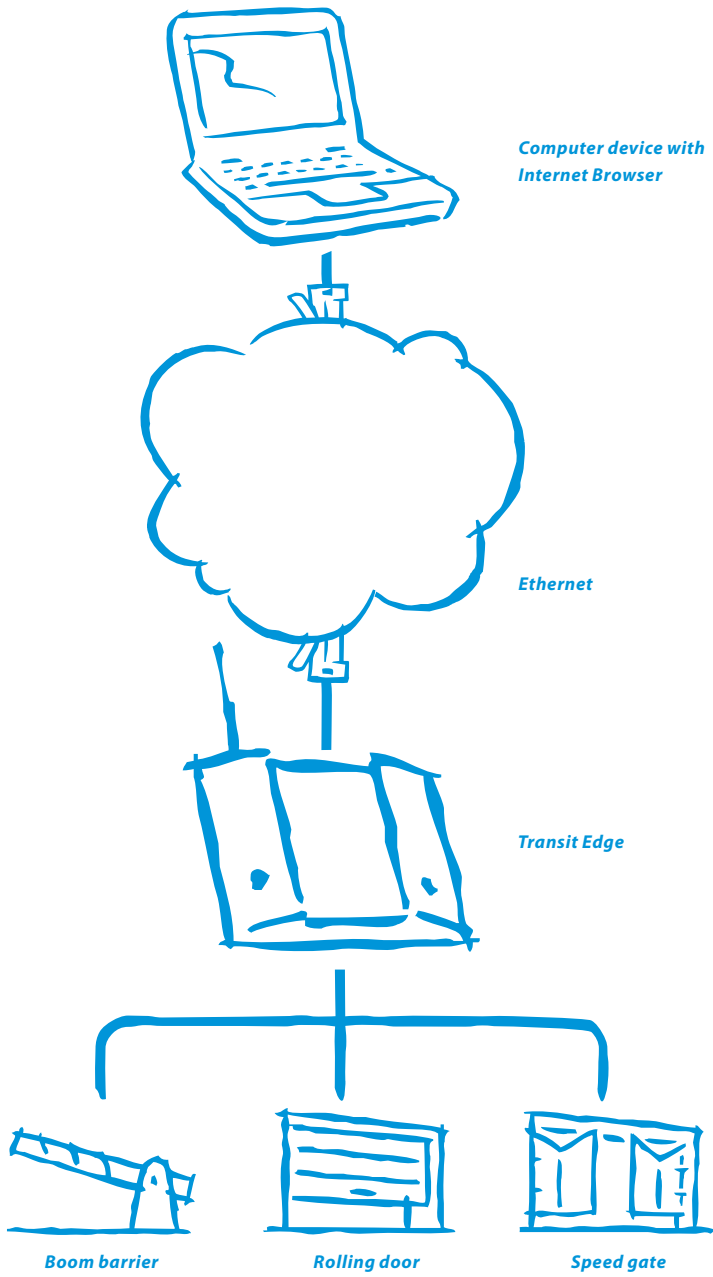
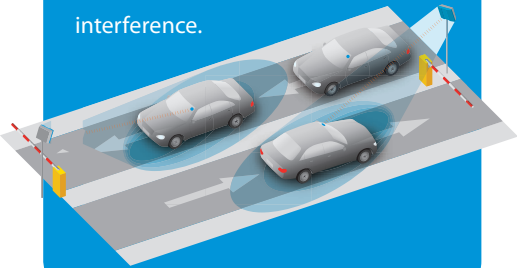


Vertical mounting:
Detection angle 40 degrees.



Lane application

Detection angle: 40 degrees.
Adjustable read range: 5 to 33 ft [1,5 m to 10 m] to avoid cross over reading.
Frequency offset to avoid interference.



Applications

The TRANSIT Edge can be used in a wide variety of applications including Gated Community Access, Resort Access, Perimeter Security, Special Event Access and Remote Employee Parking Facilities where a stand alone long range vehicle access solution is required without complex installation.