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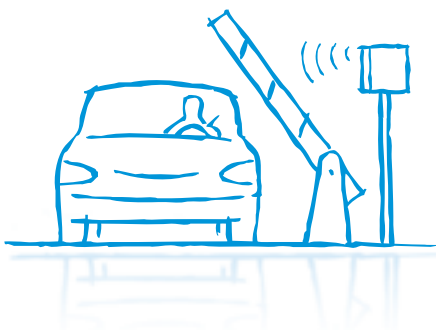
This stand alone solution, which does not require anything more than web browser access to the reader, has been developed to meet the increasing need for "out of the box" integrated perimeter systems solutions, requiring an absolute minimum of cabling while being completely IP compatible.

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

nedap® avi

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 a completely seamless point to point non line of sight point to multipoint ethernet solution, providing long range connectivity to a remote host or network at distances up to several miles.* The TRANSIT Edge Wireless is only available for the US.

* 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.
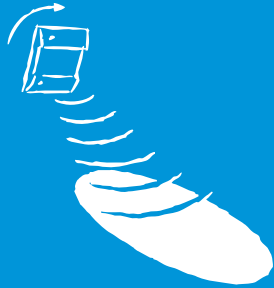
Installation

Reading range

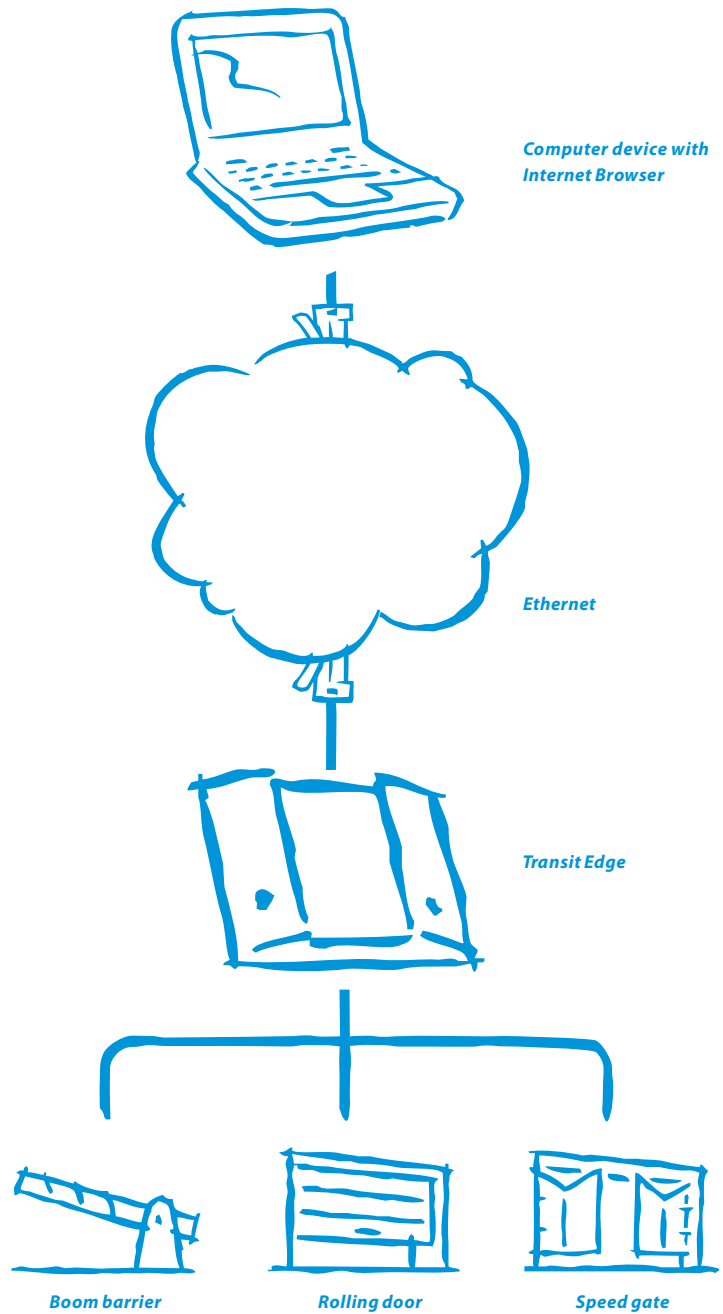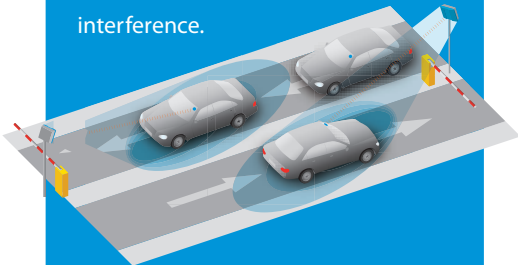Horizontal mounting:

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.

*Computer device with
Internet Browser*

Ethernet

Transit Edge

Boom barrier

Rolling door

Speed gate

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.

nedap® avi

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
	(Only available in the US)

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 (Only available in the US)

Type:	Point to multipoint longe 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

For full product information visit www.nedapavi.com