

TRANSIT EDGE

| Long range vehicle identification reader



KEY FEATURES:

- No software needed
- Complete stand alone system
- Stores 1.000 authorisation profiles
- Remote web based access
- Read range up to 10 meters [33 ft]
- Object speed up to 200 km/h [125 mph]
- Compact industrial design
- Well defined adjustable read range

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.

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.

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.

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.

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.

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.

SPECIFICATIONS

Technical information	TRANSIT Edge
Operating frequency	2.400 - 2.482 GHz
Dimensions	310 x 250 x 100 mm [12.2 x 9.8 x 3.9 in]
Weight	5 kg [9.9 pounds]
Housing	Stainless steel (AISI304) housing with ABS cover
Protection	IP65 [approx. NEMA 4x]
Detection range	Up to 10 meters [33 ft]
Range check	Acoustic by built-in beeper
Operating temperature	-30 ...+55°C [-22 ... +131°F]
Object speed	Up to 200 km/h [125 mph] at appropriate distance
Power	24VDC +/- 10%, 500mA
Polarization	Circular (LHC)
Input	by mon + REX (request for exit)
Relay	Wet or dry
Output	by strike relay + aux relay
Antenna connection	Optional 1 external inductive 120 kHz antenna connection
Interfaces	TCP/IP
Encrypted air interface	NEDAP proprietary encryption standard
Authorization profiles	Up to 1.000 tags
Lock control	Relays with make-and-break contact
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
Mounting	Wall mounting set included Optional: Pole Mounting set (5626595) Weather Protection Hood (7562640)
Certifications	
Safety	EN 60950 FCC Part 15.245
Part numbers	9876510 TRANSIT Edge