



nedap
TRANSIT

TRANSIT Entry Hands-free access reader



The TRANSIT Entry reader represents the latest in technology for door access and long read range applications. Featuring a slim elegant designed housing the TRANSIT Entry reader makes a perfect fit to any door or vehicle gate environment.

Key features

- Consistent reading up to 4m [12 ft]
- Elegant slim design
- LED and audible read indication
- Optional HID Prox/smart card interface
- On-site adjustable reading
- Multi-channel frequency offset
- Weather proof protected housing
- Variety of interfaces & protocols
- USB connection

Reliable consistent reading

The TRANSIT Entry reads AVI tags at distances up to 4 meters [12 ft] reliably and consistently.

Elegant slim design

Due to the slim design and long read range, the reader can be installed on a wall next to a door or on an entry pedestal near the barrier without the need for additional mounting accessories. The reader can be mounted directly on metal without any impact to its performance.

LED and audible read indication

The built-in beeper and high intensity LED provide audible and visual feedback on the identification of a tag in all operating modes.

Optional HID Prox and smart card interface

This interface will enable the reader to read standard HID Proximity cards and smart card CSN, allowing it to operate with existing credentials, at short range, when presented to the face of the reader.

On-site adjustable reading

The identification lobe of the reader is an adjustable directed beam, offering the ultimate in flexibility and accuracy in any installation.

Multi-channel frequency offset

The multi-channel synthesizer allows on-site adjustment of the frequency channel in case of radio interference.

Weather proof protected housing

The TRANSIT Entry reader is weatherproofed inside an IP65 [approx. NEMA 4x] certified enclosure.

Variety of interfaces & protocols

The TRANSIT Entry reader is designed for seamless integration to existing parking management and access control systems. The USB interface offers easy access to the unit for diagnostics and servicing.

Applications

Typical TRANSIT Entry reader applications involve hands-free:

- access to emergency rooms
- access for disabled
- door access
- personnel tracking
- gated community access
- access to parking facilities



SPECIFICATIONS

TECHNICAL INFORMATION

TRANSIT ENTRY READER

Operating frequency	Europe: 2.400 – 2.482 GHz US: 2.438 – 2.457 GHz
Dimensions	200 x 220 x 45 mm [7.9 x 8.7 x 1.8 in]
Weight	1 kg [2 pounds]
Housing	Aluminium chassis with UL94 ABS cover
Protection	IP65 [approx. NEMA4x]
Detection range	Up to 4 meters [12 ft] with AVI tags
Range check	Acoustic by built-in beeper
Operating temperature	-30...+60°C [-22...+140°F]
Power	12 ... 24 VDC $\pm$ 10% linear supply recommended
Power consumption	<20 Watt
Frequency offset	32 channels, spacing 600 kHz
Polarisation	Circular (LHC)
Input	1 dry contact or TTL
Relay output	1 relay output (NO, common, NC), 24 VDC 2A, 120 VAC 1A
Output	Barcode 39, Wiegand 26-bit, Wiegand 32-bit, Wiegand 37-bit, FF56 and Omron ISO 7811/2
Cable distance	Wiegand 150 m. [500 ft] 22AWG
Interfaces	RS232, RS422, 20mA CL and TCP/IP USB service interface
Communication protocols	CR/LF, DC2/DC4 and various OEM protocols (for more information see firmware manuals)
Encrypted air interface	NEDAP proprietary encryption standard
Card Compatibility*	120-125 kHz: Nedap, HID Prox, EM410X 13,56 MHz: ISO 14443 A/B, ISO 15693, iCLASS CSN
Mounting	Wall mount Adjustable Wall/Pole mounting set optional available
Certifications:	
EMC	European Directive for EMC 89/336/EEC, EN50081-1, EN50082-1 and EN50082-2. ETS0908
Safety	EN 60950, UL 60950, UL 50
Regulations	CE, FCC part 15.245 and ETS 300 440
Part numbers	9876200 TRANSIT ENTRY
Documentation	TRANSIT_ENTRY_InstallGuide_E TRANSIT_ENTRY_InstallGuide_SP
Accessories	7816650 Multi Technology Reader Module 9875840 Adjustable Wall/Pole mounting set xxxxxxx TRANSIT ENTRY Demo kit

* MTR module required

Represented by:

NEDAP N.V.
Automatic Vehicle Identification
PO Box 103
NL-7140 AC Groenlo
T: +31 (0)544 471 666
F: +31 (0)544 464 255
E: info-avi@nedap.com
I: www.nedapavi.com