TRANSIT Entry

Handsfree access reader

Key Features:

- **Consistent reading up to 4m [12 ft]**
- **Elegant slim design**
- **LED and audible read indication**
- **Optional multi technology reader interface**
- **On-site adjustable reading**
- **Multi-channel frequency offset**
- **Weather proof protected housing**
- **USB service connection**

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.

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 Multi Technology Reader interface (MTR)
This interface will enable the reader to read standard 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 in side 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 handsfree access to emergency rooms, access for disabled, door access, personnel tracking, gated community access, access to parking facilities.

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Specifications

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 +10% linear supply recommended
Current consumption	1A @12VDC, 0.5 A@24VDC
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
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 and USB service interface
Optional Interfaces	20mA Current Loop and TCP/IP
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 (MTR required)	120-125 kHz: Nedap HID Prox, EM410X
	13, 56 MHz: ISO 14443 A, ISO 15693, HID iCLASS CSN, Legic Advant HID
Mounting	Wall mount
	Adjustable mounting bracket (9875840) optional available for adjustable pole/ wall mount
Certifications:	
EMC	European Directive for EMC 89/336/EEC, EN301489-1, EN301489-3 and EN501130-4
Safety	EN 60950, UL 60950, UL 50
Regulations	CE, FCC part 15.245 and ETS 300 440-2, ETS300 330-2, FCC part 15C, IC RSS210
Part numbers	9876200 TRANSIT Entry
Documentation	5268605 TRANSIT Entry_InstallGuide_English
	5268621 TRANSIT Entry_QuickRef_English
Accessories	7816650 Multi Technology Reader Module
	9875840 Adjustable mounting set
Demo kit	9876340 TRANSIT Entry demo case

* MTR module required