CEM SYSTEMS

A Tyco International Company

InfoProx™ Exit IPX200/210

Proximity/Smartcard Reader

OVERVIEW

The InfoProx™ Exit is a compact reader designed to be used in conjunction with the range of InfoProx and EtherProx card readers. Designed for simple installation and easy use, InfoProx Exit is ideal for any area where IN/OUT control is required.

Available in both traditional 125 kHz proximity (IPX200) and MiFare smart card (IPX210) options, the reader, LCD display, LEDs and keypad are housed in a single polycarbonate enclosure. Despite its small size, the InfoProx Exit can display messages of up to 32 characters, which provides a system administrator or end user with immediate information about a transaction event such as 'Access Denied'.

The InfoProx Exit door control unit has no functionality unless used with the range of InfoProx or EtherProx card readers for IN/OUT control.

The InfoProx Exit door control unit provides additional free inputs and two outputs, which are controlled, from the master reader. The keypad is used when PIN validation is required, offering additional security.

InfoProx™ Exit IPX200/210

FEATURES

- Exit reader for use with the InfoProx and EtherProx card readers
- Available in both 125 kHz proximity (IPX200) and MiFare smart card (IPX210) technology options
- In-built database for off-line card validation
- Three LED indicators to visually confirm or deny entry
- Suitable for indoor or outdoor installation
- Backlit LCD display shows easy to understand messages for the user
- Keypad for added PIN security
- 4 inputs available for general purpose use

PRODUCT HIGHLIGHTS

Door Control Unit Installation

The enclosure is designed to mount directly onto a standard UK or European (French) electrical containment box (American versions are provided with a compact adapter plate), meaning that standard conduit and fittings may be used.

Card Technology

The InfoProx Exit reader (IPX200) uses 125 kHz proximity technology under license from HID Corporation.
A 13.5 MHz technology (IPX210) option of the reader is available enabling the InfoProx to read the unique ID of MiFare smart cards (ISO14443A). The following cards are supported:

Type of Card Read Range (IPX200)

ISOProx® II Card	76mm (3.0in)
ProxCard™ Plus Card	38mm (1.5in)
ProxCard® II Card	76mm (3.0in)
ProxKey™ II Fob	25mm (1.0in)
Kantech 31bit Card	38mm (1.5in)

Type of Card Read Range (IPX210)

MiFare Card	30mm (1.18in)

Built-in Diagnostics

Allows testing of LED indicators, LCD display, read head, inputs, relay, network communications, keypad and database size.

System Compatibility

The reader can be used with AC2000 or webEntry access control systems.

TECHNICAL SPECIFICATIONS

PHYSICAL

Size	86 x 86 x 22mm (3.4" x 3.4" x 0.87")
Weight	222.7g (7.9oz) with connectors
Housing	Flame retardant polycarbonate containing fully encapsulated electronics.
Colour	Dark Grey
Power	
- Voltage	9 – 15Vdc
- Current Consumption	140mA (passive), 250mA (peak)
Environmental	
- Temperature	-10° to 50°C (14° to 122°F)
- Humidity	95% non condensing
LED Indicators	Three high intensity LED indicators red, amber and green
LCD Indicators	Two line by 16 character supertwist LCD with backlight
Keypad	12 character, standard layout, tactile response keypad.

FUNCTIONALITY

Inputs	Four analog inputs (Transguard protected) (General purpose use)
Configuration	Operational parameters are downloaded from associated online reader. Some configuration setting can also be set using the keypad.

COMMUNICATION INTERFACE

To IN Reader	RS485 multidrop cable runs using copper wire with maximum length of 1.2km without repeater
- Connection	2 part screw terminals

PRODUCT CODES

InfoProx Exit IPX200 (125 kHz Proximity)

SPASS-IPX-200-B	InfoProx Exit
SPASS-IPX-200-A	InfoProx Exit (US Backplate)

InfoProx Exit IPX210 (MiFare CSN)

SPASS-IPX-210-B	InfoProx Exit
SPASS-IPX-210-A	InfoProx Exit (US Backplate)