InfoProx™ Entry

Single Door Access Control

FEATURES

- Complete access control solution for a single door
- Uses proximity technology for ease of use and cost effectiveness
- 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 security and access to the administration menu for local configuration
- Supports Entry/Exit configuration for IN/OUT control, with optional Exit reader
- Single piece construction designed for quick and easy installation
- Optional software application for database backup and report generation

OVERVIEW

InfoProx™ Entry is a compact, stand alone door control unit that provides a cost effective solution to single door access control. Designed for simple installation and ease of use, InfoProx Entry is ideal for any area where access must be restricted.

The card reader, LCD display, LEDs and keypad are housed in a single polycarbonate enclosure. Despite its small size, the reader can display messages of up to 32 characters, providing system administrators and end users with immediate plain text descriptions of events such as "Access Denied". The reader provides its own anti-tamper protection and interfaces directly to the door furniture and 12V lock power supply eliminating the need for additional controllers, I/O (Input/Output) units and greatly reducing installation costs.

The keypad offers additional security when PIN validation is configured and can also be used to open a password-protected menu. This menu allows the device to be configured locally.

The InfoProx Entry supports an Exit reader for access control on both sides of a door.

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 Entry door control unit uses proximity technology under license from HID Corporation. The following cards are supported:

Type of Card	Read Range
ISOProx® II Card	76mm (3.0in)
ProxCard™ Plus Card	38mm (1.5in)
ProxCard® II Card	76mm (3.0in)
ProxKey™ II Fob	25mm (1.0in)

Optional Software Module

An optional InfoProx Entry Software application is available to maintain the reader database, safeguard data and produce reports. The software includes a Windows® graphical interface and can be installed on any PC that meets the minimum specification requirements.
For more information please refer to Product Sheet CEM/B/034.

Local Database	Storage of up to 4,000 transactions (dependent on database format) Storage of up to 50,000 card IDs
Exit Control	Supports exit control with InfoProx Exit door control unit
Local Set Up Facility	To configure settings such as LCD contrast, mode of operation, reader address, relay contacts (normally open/closed)
Built-in Diagnostics	To test LED indicators, read heads, inputs, keypad and database size

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TECHNICAL SPECIFICATIONS

Installation Requirements

Minimum internal depth of mounting box is 25mm (1.0in)
12V Power supply, 1 pair cable
2 pair cable to exit reader
5 pair (max) for inputs and outputs
Cables terminated into 2 part screw connectors
Secured to wall with two stainless steel security screws (supplied)
Optional RJ45 connector for PC interface

Communication Interfaces

To Exit Reader	RS485 over Copper Wire
To PC	RS485 via a 232/485 converter to RS232 (Inc. With optional s/w package)
RS485 Transmission	1,200m (3,937 ft) without repeater

Operational/IO Interfaces

Inputs	Four analog inputs (Transguard protected)
Outputs	One volt free relay output rated 30V DC 5A Suppression device (diode, MOV etc) may be required at load One on-board sounder

Electrical

DC Voltage	7-15V
Current Consumption	140mA (passive) 250mA (peak)

Mechanical

Dimensions (H x W x D)	86 x 86 x 22mm (3.4 x 3.4 x 0.87in)

Unit Weight

With connectors	222.7g (7.9oz)
Without connectors	210.7g (7.4oz)
Liquid Crystal Display	Two line by 16 character supertwist LCD with backlight
Keypad	12 character, standard layout, tactile response keypad
LED Indicators	Three high intensity LED indicators red, green and amber
Security Features	Concealed anti-tamper screws, tamper sensor, flame retardant polycarbonate enclosure containing fully encapsulated electronics

Environmental

Suitable for external use	
Operating Temp. Range	-20º to 50ºC (-4º to 122º F)
Humidity	100%

Product Codes

SPASS-IPE-100-A	InfoProx Entry USA
SPASS-IPE-100-B	InfoProx Entry EMEA

Options

SPASS-IPE-SW	InfoProx Entry Software Utility