AMERICAN DYNAMICS™

InfoProx™

The compact and discreet InfoProx card reader is designed for use as part of webEntry®, an integrated on-line access control system, giving off-line validation and intelligent decision-making at the point of entry, even when host communications are not available. The reader also stores transaction details to be transferred to the host computer when communications are restored.

The reader, back-lit LCD, 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 12 V 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 required.

The InfoProx card reader has four analog inputs and one output allowing it to control local door strikes or other equipment without the need for a separate door controller. An exit reader is also supported for in/out control.

FEATURES

- Built-in database for off-line card validation
- 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
- Back-lit LCD display shows easy to understand messages for the user

- Keypad for added PIN security
- Supports entry/exit configuration for in/out control
- Single piece construction designed for quick and easy installation
- Four inputs to monitor alarms such as door held/forced conditions
- Secure side exit push button operation

PRODUCT HIGHLIGHTS

Door Control Unit Installation

The enclosure includes a compact adapter plate which enables standard conduit and fittings to be used.

Remote Programming

Operational parameters, e.g. door open time, can also be downloaded to the reader or configured via the keypad. The InfoProx reader may be remotely upgraded from the host computer, eliminating the need to physically replace firmware, giving increased system flexibility and efficiency.

Card Technology

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

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

SPECIFICATIONS

Model Number

ADXS3001001 . . . . .Access Control, InfoProx, Proximity Card Reader

Accessory

ADXS4001026 . . . . .Access Control, HID Proximity Cards

Electrical

DC Voltage . . . . .7 - 15 V
Current Consumption . . . . . .140 mA (passive) 250 mA (peak)
Liquid Crystal Display . . . . . .Two line by 16 character supertwist LCD with backlight
LED Indicators . . . . .Three high intensity LED indicators: red, green and amber

Mechanical

Dimensions (H x W x D) . . . . .86 x 86 x 22 mm (3.40 x 3.40 x 0.87 in)
Unit Weight
   With connectors . . . . .222.7 g (7.9 oz)
   Without connectors . . . . . .210.7 g (7.4 oz)

Environmental

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

Operational

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
Keypad .12 character, standard layout, tactile response keypad

Communication Interfaces

To Exit Reader . . . . .RS-485 over copper wire
To Host System . . . . .RS-485 over copper wire
RS-485 Transmission . . . . . . .1,200 m (3,937 ft) without repeater

Security

Concealed anti-tamper screws, tamper sensor and flame retardant polycarbonate enclosure containing fully encapsulated electronics.

Installation Requirements

Mounting Box . . . . .Minimum internal depth is 25 mm (1.0 in)
Power Supply . . . . .12 V
2 - Pair Cable . . . . .To exit reader To host system comms and power
5 - Pair Cable (max) . . . . .For inputs and outputs

Cables terminated into 2 part screw connectors.
Secured to wall with two stainless steel security screws (included).

Regulatory

EMC . . . . .FCC Regulation 47 Part 15 Subpart C EN 301: 489-1 v1.2.1: 2000-08 EN 300: 330-1 v1.3.1: 2001-06 EN 50130-4: 1996 Complies to directive: 89/336/EEC (CE directive) Complies to directive: 1999/5/EC (R&TTE directive)
Safety UL294