

AX100 PLUG & PLAY ACCESS CONTROL FOR 1 DOOR**Features**

- Single door controller with PC software
- Industry-standard single gang electrical back box
- Plug and Play Environment
- Up to 4,000 cards or 2,000 cards and PIN-code
- 60 software database fields including photograph
- Import / export function
- Print or E-mail reports
- On or offline system
- Easy installation and user wizards
- 4" proximity reading range
- Support for programming offline controllers using a DTU
- Selectable door open & extended door open times
- Remote door control
- Deadlock
- High security mode
- Latch function (permanent unlock)
- Scheduled backup utility
- Windows™ 95, 98^{SE}, NT, 2000, ME & XP

AX100 Kit Contents

- 1 AX100 Controller
- 1 Proximity Reader
- 10 Proximity Cards
- 1 Program Card
- 1 Fixing Kit
- 1 AX100 Software on Mini CD
- 1 Quick Start Guide
- 1 PC to Controller Cable

Description

The AX100 access control kit is a compact, standalone single door controller supplied with Windows™ Plug and Play software for up to 4,000 cards making it ideal for all doors, gates and barriers in offices, factories, warehouses, hospitals, membership clubs etc.

Presenting the proximity card within 4" (10cm) of the slim-line reader automatically verifies the unique code contained in the card and opens the door if access is allowed for the individual.

The mullion-style reader is weatherproof, easy to install and fixed with the security screws supplied allowing installation even in the toughest environments.

The PC software included is fully plug and play, which automatically detects the correct COM ports and controllers together with built-in set-up and test card wizards.

The wireless smart cards are standard credit-card size with 48 billion unique codes transmitted without the need for batteries or degrading contacts, making this not only a highly secure technology, but also durable because the card and reader are both totally sealed.

Data on up to 4,000 cards can be stored in the controller which should be installed on the inside of the door. The controller is supplied with a surface mountable electrical back box with entry slots for standard trunking. The industry-standard size allows the unit to be flush mounted in a standard single gang back box.

One standard 12V power supply can be used to power the system and electric lock or strike. The heavy duty on-board relay (5A) can switch electric strikes, magnet locks or interface with barrier and gate controllers.

The AX100 controller provides inputs for a request to exit button, and also for a door status contact to signal unauthorized entry (door forced), door left open and other enhanced features.

In the event of total power loss, all data will be retained for over 10 years and the door can be set to automatically lock or unlock on power up.

The system is easy to install and with the program card supplied – initial set-up can be accomplished quickly, in minutes, without the need for a PC.

With the use of a PC, cards can be set to open the door for the standard time (1 – 255 seconds) or extended time. They can also be authorized to use the latch function, which permanently unlocks/locks the door by using that card twice consecutively.

The controller also provides a high security mode which disables the lower access group of cards while still providing access for those in the higher access group.

The graphical interface is easy to use, even for those not familiar with the Windows interface. Lost or stolen cards can be quickly cancelled and/or replaced using the Card Replacement Wizard, thus avoiding the need to re-enter all the cardholder data, and also to keep track of previously issued cards. The PC software can hold over 60 database fields per cardholder including photograph, company details, department, personnel data and vehicle details, with search and quick search facilities.

Although communication is to a single AX100 controller at a time, the software can store data for thousands of controllers. Upon connection of the software to the controller, the unit is recognized via its unique number and the correct controller data is automatically selected.

If permanent connection of the PC is not possible, or the use of a laptop is impractical, the optional Data Transfer Unit (DTU) can be used. This still allows the use of the powerful software features offline as all the data is downloaded to the DTU. Simply plugging the DTU into the controller downloads the correct data to the controller using the unique built-in address.

Specifications

Faceplate

Steel powder-coated white
3.43 x 3.43 x 1.18" (87 x 87 x 28 mm)
12VDC 45mA

Housing

White ABS
3.43 x 4.53 x 1.18" (87 x 115 x 30 mm)

Proximity Reader

White ABS
4.69 x 1.57 x 0.67" (119 x 40 x 17 mm)
12VDC 45mA

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