

CONTROL PANEL



AC-015

GENERAL DESCRIPTION

The AC-015 controller offers state of the art access control for a single door. it operates on either AC or DC 16V or 24V, which will operate the strike at 12V DC or 24V QC respectively.

For systems with up to 500 independent users, the AC-015 can connect to up two 26-Bit Wiegand compatible readers. To record Incoming (Outside Reader) and Outgoing (Inside Reader) data.

The 26-Bit Wiegand compatible readers can be Proximity Card Readers, PIN Keypad Readers, Magnetic Stripe Readers, or RF Readers as long as 26-Bit Wiegand format is used.

The AC-015 connects to a dedicated PC with Windows 95/98/ME and NT/2000 operating systems. The PC is used for monitoring the 500 users and system events. It is also used to administer the system and create useful activity reports.

FEATURES

- Secure top cover protected by a case tamper switch.
- Microprocessor Based - Real Time Software and Hardware.
- Internal Speaker: Door Chime, Door Bell and Tamper Alarm.
- Independent Case Tamper Alarm for AC-015, and case tamper for the 26-Bit Wiegand from Rosslare.
- Reader Line Cut-Detection: Once any external reader is installed, the AC-015 will monitor the reader for line connection.
- Connection to Backup Battery: The AC-01 will charge and maintain a 12V or 24V Lead Acid Battery, or optional external 2 x 12V Battery in serial for backup.
- 500 Independent User Codes are either (4Digit PIN) or 26-Bit Wiegand data from the reader.
- AC-015 Housing Mounts Directly onto the wall with two screws.

Modes of Operation

Programming Menu Mode:

In this mode, the programming code is used to enter the programming menu

Night Mode:

In this Mode, only Master Users (# 1-10) can open the door from the outside reader. All the users can exit using the indoor reader by entering a valid PIN on the AC-015 located inside the door.

Day Mode:

All the users can enter the premises using the outside reader, and exit by using the indoor reader by entering a valid PIN on the AC-015 located inside the door.

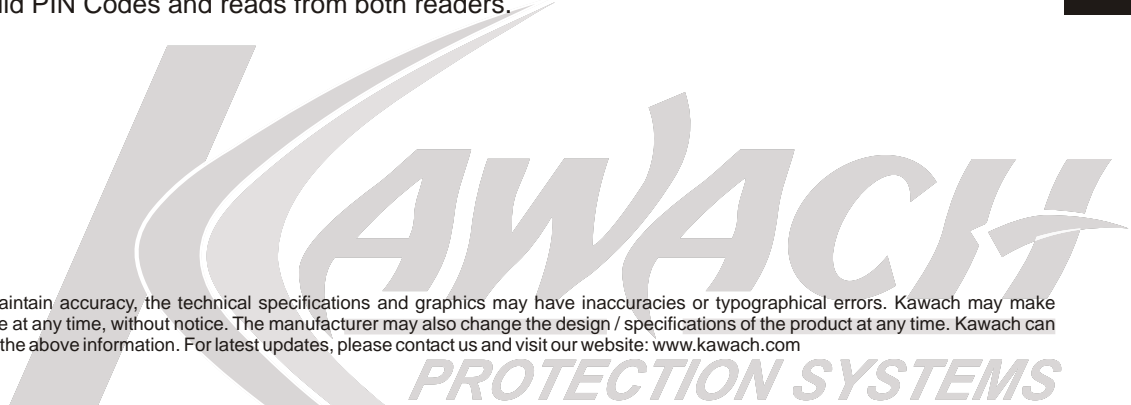
Day-Open Mode:

In this Mode, activated by a special PIN number, the bell pushbutton on the panel or on the external reader AYC-11 can open the door. As well as all valid PIN Codes and reads from both readers.

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AC-015

GENERAL SPECIFICATIONS

Input Power: 16 or 24 Volt AC / 1.5 A Supplied from an AC/DC transformer. If $V_{in}=16V$ AC.

Lock Strike Output: Programmable Output N.C. or N.O. for the lock strike, provides either 12V DC output voltage with up to 1.2 Amp strike current. $V_{lock} = 12V$ DC

Backup Battery: One 12V DC Lead Acid Battery, or 2 x 12 Volts Batteries depending on the required standby time.

Operating Temperature: $-20^{\circ}C$ to $+50^{\circ}C$ ($-4^{\circ}F$ to $+122^{\circ}F$)

Operating Humidity: Up to 95% Non-Condensing (Max.)

Case Tamper Switch: The AC-015 front cover is protected by case tamper switch, which will activate the tamper terminal block.

Line Supervised Reader: Every installed reader is routinely monitored by the AC-015, Cutting the cable of an installed external reader will activate the Tamper terminal blocks.

Up to 2 Wiegand 26 Compatible Readers: The AC015W accepts up to two 26-Bit Wiegand readers depending on the required application.

Current Consumption:

Standby:

AC-015 with No Reader: 54mA

For each additional reader: Plus 24mA

Card Read:

Add 11 mA for each reader in reading mode.

Max Strike Current: 1.2 A

Size: 128mm x 85mm x 28mm

(5.0"x3.3"x1.1")

Weight: 200 grams (7.05 oz)

INTEGRATED PC MONITORING SOFTWARE

The RS232 serial interface enables the AC-015 to be connected to a local PC by an RS232 Serial cable. The software package for the AC-015 runs on Windows 95/98/ME and NT/ 2000 operating systems.