AC–115

8-Door Networked Single Door Controller

The AC-115 is a compact, powerful, quick and easy to install all-in-one networked single door controller. It provides extremely cost-effective solutions for small networked applications of up to 8 doors. This unit can control 2400 users (In/Out), with advanced security rules and features, and includes user-friendly PC software for management, configuration, monitoring, and reporting. The AC-115 includes a built-in sounder for doorbell, chime and alarm sounds, and a built-in backup battery charger.

General Description

Each AC-115 supports a single door with power and control for 2 readers (IN/OUT), a 1.2A lock strike, door monitor & REX input, and has a built-in backup battery charger.

With the PC software (AS-115), the system works seamlessly in online and offline modes. A 2000 event offline FIFO history log is stored in non-volatile memory that can be uploaded to the PC.

8-controllers can be connected in a reliable and proven RS-485 network that interfaces with the PC software using one RS-232 to RS-485 converter.

It is compatible with a variety of Rosslare's Readers, and third-party magnetic lock strikes to suit the application with a Form C locks strike relay for fail-safe or fail-secure installations.

Unique features include internal bell sounder enabling doorbell chime, and alarm sounds.

Main Features

- 2400 Users.
- Quick and easy to install All-in-One.
- Supports two standard Wiegand 26-Bit readers (PIN only, PIN+PROX, or PROX) or keypads.
- Internal power supply for readers, lock and inputs, with a charger for external battery backup.
- Real-time clock with back-up battery lasts up to 10 years.
- Cable cut tamper detection function for readers and cover tamper detection for the main unit.
- Bell, chime & strobe annunciator with audible tones. Siren sound for alarms.
- 3 selectable security modes and 3 programmable user levels.
- AC-115 can work as a standalone single-door PIN controller and does not require the PC.

- For Microsoft Windows® 98/Me, and XP/NT/2000
- A simple and intuitive user-friendly PC interface reduces complexity of managing access control.
- Long range RS-485 network connects to the PC using a MD-14 RS-232 to RS-485 converter (one per network).
- Enables management of user data, photo with custom fields, access rights, alarms, strike time, and door mode from a central location for up to 8 networked doors.
- Produces reports from acquired data, such as entry and exit times, and by alarm type with filters for user(s), location, and time.
- Available in a large selection of languages.

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Product Specifications

ELECTRICAL CHARACTERISTICS	
Input Power:	16V AC (1.5A, 25VA) from a transformer
Input Current:	Standby: 65mA (Not including attached devices) Maximum: 120mA (Not including attached devices)
Relays:	Strike: 5 Amp Form C, Normally Open or Normally Closed Auxiliary: 1 Amp Normally Open then closed to ground
Battery Charger:	12 Volt Sealed Lead Acid (SLA) type up to 7Ah
Internal Power Supply:	Lock Strike: 12VDC Locks with 1.2A current limit Readers: 12VDC with 300mA current limit
OPERATIONAL CHARACTERISTICS	
REX Input:	Normally Open (Dry Contact) for activating the lock strike
AUX Input:	Normally Open (Dry Contact) for door monitoring
PIN-Codes:	Programmable 4-digit up to 8-digit PIN codes
Real-time Clock (RTC):	RTC with backup battery lasts up to 10-years
Access Times/Holidays:	8 programmable time zones and 24 programmable holiday dates
Event History Log:	2000 non-volatile event log stored when panel is offline
3 Security Modes:	Three modes of operation: Normal Mode/Bypass Mode/Secure Mode
Audio/Visual:	Built-in Sounder (bell, chime, siren)/Two tri-color LEDs
ENVIRONMENTAL CHARACTERISTICS	
Operating Environment:	Indoor use
Operating Temperature:	-31˚C to 63˚C (-25˚F to 145˚F)
Operating Humidity:	0 to 95% (non-condensing)
RFI Protection:	> 20 V/m up to 1000 MHz
PHYSICAL CHARACTERISTICS	
Dimensions:	134mm L x 85mm W x 30mm D (5.3 in. x 3.4 in. x 1.2 in.)
Weight:	220 g (0.5 lbs)

System Components

The AC-115 is compatible with a range of Rosslare accessories, including a wide range of readers, data converters for RS-232 and TCP/IP connectivity.

Additional Information

The AC-115 is covered by Rosslare's 2-year Limited Product Warranty. For sales information or product documentation, please visit our website: http://www.rosslaresecurity.com.

Model: AC-115   AS-115   Microsoft and Windows® are trademarks of Microsoft Corporation.

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