

AC-115

Compact 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 1.2 A 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.

Up to eight 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)
- Internal power supply for readers, lock and inputs, with a charger for external battery backup
- Real-time clock with backup battery lasts up to 10 years
- Cable-cut tamper detection function for readers and cover tamper detection for the main unit
- Bell, chime & alarm annunciator with audible tones
- 3 selectable security modes and 3 programmable user levels
- AC-115 can work as an independent 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 users, location, and time
- Available in a large selection of languages

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Input Power	16 VAC (1.5 A, 25 VA) from a transformer
■ Input Current	Standby: 65 mA (not including attached devices) Maximum: 120 mA (not including attached devices)
■ Relays	Strike: 5 A Form C, N.O. Auxiliary: 1 A N.O. closed to ground
■ Battery Charger	12 V Sealed Lead Acid (SLA) type up to 7 Ah
■ Internal Power Supply	Lock Strike: 12 VDC Locks with 1.2 A current limit Readers: 12 VDC with 300 mA current limit

OPERATIONAL SPECIFICATIONS

■ Capacity	2400 users, networkable up to 8 doors
■ Event History Log	2000 non-volatile event log stored when panel is offline
■ REX Input	N.O. (Dry Contact) for activating the lock strike
■ Door Monitor Input	N.C. (Dry Contact) for door sensor
■ PIN Codes	Programmable 4 to 6 digit user PIN codes, duress code
■ Readers	Two (In & Out) Standard Wiegand 26-bit Proximity/PIN readers
■ Real-time Clock (RTC)	RTC with backup battery lasts up to 10 years
■ Access Times/Holidays	8 programmable time zones and 24 programmable holidays
■ Security Modes	Normal, Bypass and Secure
■ Audio/Visual	Built-in sounder (bell, chime, siren), two tri-color LED indicators
■ Connectivity	RS-485 for PC and networking

ENVIRONMENTAL SPECIFICATIONS

■ 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 SPECIFICATIONS

■ Dimensions	134 x 85 x 30 mm (5.3 x 3.4 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 and data converters for Serial to TCP/IP connectivity.

PRODUCT WARRANTY

2-year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

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