

## 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 1.2A 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)
- 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 & 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

# AC-115 Compact Networked Single Door Controller



## Product Specifications

<b>ELECTRICAL CHARACTERISTICS</b>	
• 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: 5A Form C, N.O. Auxiliary: 1A N.O. 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
<b>OPERATIONAL</b>	
• 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
<b>ENVIRONMENTAL</b>	
• 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
<b>PHYSICAL</b>	
• Dimensions:	134 x 85 x 30 mm (5.3 x 3.4 x 1.2 inch)
• Weight:	220g (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.



AYC-W6500      AY-Q12      AYC-Q64B      AYC-F64      AY-M12      AY-H12      AY-K12

## 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>.



CFR47 Part 15b Certified



UL-294 Listed for Access Control System Units

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