

# AC-215

## Advanced Scalable Networked Access Controller



**THE STATE-OF-THE-ART SINGLE/DUAL DOOR AC-215 NETWORKED ACCESS CONTROLLER IS THE BACKBONE OF MEDIUM SCALE SECURITY SYSTEMS HANDLING UP TO 5000 USERS AND 2046 DOORS. DRIVEN BY ROSSLARE'S POWERFUL, FLEXIBLE, AND EASY TO USE SOFTWARE, THE SYSTEM PROVIDES AN IDEAL MODULAR AND EXPANDABLE SOLUTION FOR COMMERCIAL AND INSTITUTIONAL NEEDS. IT PROVIDES SEAMLESS INTEGRATION WITH ROSSLARE'S RANGE OF RFID PROXIMITY, PIN, PIN & PROX, SMARTCARD, AND BIOMETRIC READERS WITH ROSSLARE'S SELECTION OF RFID CREDENTIALS.**

### GENERAL DESCRIPTION

AC-215 is suitable for applications with up to 5000 users across a modular 2046 doors, allowing maximum flexibility for securing a growing enterprise.

Each AC-215 access control unit (ACU) supports two readers (In/Out) of various formats including standard Wiegand 26-Bit. Installations can also have one reader per door.

The AC-215 is ready for installation with a mountable and lockable metal enclosure integrated with a transformer, power supply/charger, sounder, and control board.

### MAIN FEATURES

- Up to 5000 users with access rights for every panel, across optional 2046 modular doors in a system
- 5000, FIFO, history event log, when offline
- Full intelligent logic interconnection of inputs, outputs, readers, and more
- Panel supports both 1-door (In/Out) and 2-door (In/Out, In/In and Out/Out) configurations

- Real-time clock keeps time for up to 2 weeks without power. No batteries to replace.
- Cable cut tamper detection function for readers, and cover tamper detection for the enclosure
- Pre-installed enclosure components:
  - Transformer, dual power supply/charger unit for panel and lock devices
  - Sounder unit
  - Space for a 7 AH SLA backup battery
  - Tamper switch

### AxTraxNG™ CLIENT/SERVER SOFTWARE

- Based on SQL Express 2005 database
- Each ACU subnet, consisting of up to 32 ACUs, can be connected to a PC running the AxTraxNG™ server PC software
- Enables management of user data, photo with custom fields, access rights, alarms, strike times, and door modes, from a central location
- 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

# SPECIFICATIONS

## ELECTRICAL SPECIFICATIONS

■ ACU Power Supply Voltage	12 VDC, regulated from built-in PS-14 regulated power supply / charger module
■ ACU Power Supply Max Current	Panel output: 0.5 A input current limitation (PS-14) Lock output: 1.5 A
■ Relays	4 fully programmable 5 A, N.O. and N.C. relay outputs
■ Battery Charger	12 V sealed lead acid (SLA) up to 7 Ah (PS-14)
■ Maximum Current for Readers	370 mA at 12 VDC

## OPERATIONAL SPECIFICATIONS

■ Capacity	5000 users
■ History Event Log Size	5000 events
■ Inputs	4 supervised, dual-resistor, 2 state end-of-line inputs, hi-impedance, active low 5 VDC
■ Readers	Two reader ports, standards and non-standards protocols
■ Connectivity	RS-485/232, dial-up (using MD-N33), TCP/IP (using MD-N32)
■ Networking	32 units/subnet, 1023 subnets (Max 2046 doors) using AxTraxNG™ software
■ Audio/Visual	Built-in sounder (Alarm, Chime, Bell), 11 on-board and 3 P.S. LEDs
■ Time Zones and Groups	32 multiple segment time zones, 64 holidays, 128 access groups
■ Special Features	Interlock, first person delay, auto relock, scheduled outputs operation, 4 programmable site codes, Extended unlocked time, parking lot management, fully interconnectedness

## PHYSICAL SPECIFICATIONS

■ ACU Board Dimensions	6.61 x 4.76 in. (168 x 121 mm)
■ Enclosure	Metal, locked 12.8 x 10.4 x 3.82 in. (326 x 263 x 97 mm)
■ Weight	8.38 lbs. (3.81 kg)

## ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Indoor installation only
■ Operating Temperature	32°F to 120°F (0°C to 49°C)
■ Operating Humidity	0 to 85% (non-condensing)
■ RFI Protection	> 20 V/m up to 1000 MHz

## SYSTEM COMPONENTS

AC-215 is compatible with a range of Rosslare accessories, including a diverse selection of readers and accessories

## PRODUCT WARRANTY

2-Year Limited Product Warranty

## ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

[www.rosslaresecurity.com](http://www.rosslaresecurity.com)

Windows® is a registered trademark of Microsoft Corporation

