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 5,000 USERS AND 2046 DOORS. DRIVEN BY ROSSLARE'S POWERFUL, FLEXIBLE, AND EASY TO USE AXTRAXNG™ 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. Each ACU can be set to work as a single or double door controller.

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.

Using RS-232, RS-485, or PSTN communication means, multiple local or remote site networks can connect to the AxTraxNG™ Client/Server PC software running on Microsoft® Windows® XP / 7 operating systems.

MAIN FEATURES

- Up to 5000 users with access rights for every panel, across 2046 modular doors in a system
- 5000 'First In First Out' history event log, when offline
- Panel supports both 1-door (In/Out) and 2-door (In/Out, In/In or Out/Out) configurations
- Internal charger for external battery backup

- Supports PIN-only, PIN & PROX, or PROX-only readers
- Pre-installed enclosure components:
    - AC-AC power transformer, power supply/charger unit
    - Sounder unit
    - Space for a 7 AH SLA backup battery
    - Tamper switch
- Rugged, hinged metal enclosure that is lockable and vandal-resistant
- Real-time clock keeps time for up to 2 weeks without power. No batteries to replace
- 4-state supervised inputs (resistors included)

AxTraxNG™ CLIENT/SERVER SOFTWARE

- Based on SQL Express 2005 database
- 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

ROSSLARE
SECURITY PRODUCTS

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

▪ ACU Power Supply Voltage	12 VDC, regulated from PS-14 regulated power supply module
▪ ACU Power Supply Max Current	500 mA input current limitation (PS-14)
▪ ACU Input Current	Standby: 125 mA at 12 VDC, Maximum: 325 mA at 12 VDC
▪ Relays	Four 5 A, N.O. and N.C. Form-C relays
▪ Maximum Current for Readers	300 mA at 12 VDC

OPERATIONAL SPECIFICATIONS

▪ Capacity	5000 users and 20,000 users without rights (Time & Attendance)
▪ History Event Log Size	5000 events
▪ Inputs	Four high-impedance, active low supervised inputs. Max. 5 VDC
▪ Readers	Two Wiegand 26/32/34/37/40-Bit / C&D reader ports with tamper and LED control, 4-, 6- and 8-Bit burst keypad transmission support
▪ Connectivity	RS-485/232, Dial-up (using MD-N33), TCP/IP (using MD-N32)
▪ Networking	32 units/subnet on RS-485
▪ Audio/Visual	Built-in sounder (Alarm, Chime, Bell) 8 on-board LEDs and 3 LEDs on power supply (PS-14)
▪ Modes of Operation	Single Door (In/In), Dual Door (In/Out)
▪ Time Zones and groups	17 multiple segment time zones, 64 holidays
▪ Anti-Pass Back	Global anti-pass back (soft/hard), with 'forgive' option
▪ Special Features	Interlock, first person delay, auto relock, scheduled outputs operation, 4 programmable site codes, extended unlocked time
▪ Security Modes	Normal, Secure, Unlocked

ENVIRONMENTAL SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

▪ ACU Board Dimensions	168 x 121 mm (6.61 x 4.76 in.)
▪ Metal Enclosure	326 x 263 x 97 mm (12.8 x 10.4 x 3.82 in.)
▪ Weight	2.4 kg (5.3 lbs) (including metal enclosure and transformer)
SYSTEM COMPONENTS	AC-215 is compatible with a range of Rosslare accessories, including a diverse selection of readers, accessories and serial converters to TCP/IP networks
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

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