

ROSSLARE

AC-215IP

Advanced Scalable Networked Access Controller



THE STATE-OF-THE-ART SINGLE/DUAL DOOR AC-215IP NETWORKED ACCESS CONTROLLER IS THE BACKBONE OF MEDIUM SCALE SECURITY SYSTEMS HANDLING UP TO 30,000 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-215IP is suitable for applications with up to 30,000 users across a modular 2046 doors, allowing maximum flexibility for securing a growing enterprise.

Each AC-215IP 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-215IP 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 30,000 users with access rights for every panel, across optional 2046 modular doors in a system
- ☑ 20,000, FIFO, history event log, when offline
- ☑ Full intelligent logic interconnection of inputs, outputs, readers, and more
- ☑ Onboard TCP/IP networking
- ☑ 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	300 mA at 12 VDC

OPERATIONAL SPECIFICATIONS

Capacity	30,000 users
History Event Log Size	20,000 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), onboard TCP/IP
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, 30,000 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	168 x 121 mm (6.61 x 4.76 in.)
Enclosure	Metal, locked 326 x 263 x 97 mm (12.8 x 10.4 x 3.82 in.)
Weight	2.8 kg (6.17 lbs)

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

SYSTEM COMPONENTS

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