

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 512 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 512 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 & lockable metal enclosure integrated with transformer, power supply/charger, sounder and control board.

Using RS-232, Ethernet TCP/IP, and PSTN adapters, multiple local or remote site door sub-networks can connect to the AS-215 Client/Server PC software running on Microsoft® Windows® 98/ME & NT/2000/XP operating systems.

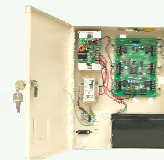


Main Features

- Up to 5000 users with access rights for every panel, across 512 modular doors in a system.
- Pre-installed enclosure components:
 - AC-AC power transformer, power supply/charger unit
 - Sounder unit
 - Space for a 7AH SLA backup battery
 - Tamper switch
- Panel supports both 1 door (In/Out) and 2 door (In/Out, In/In and Out/Out) configurations.
- Supports PIN-only, PIN & PROX, or PROX-only readers.
- Rugged, hinged-metal enclosure that is lockable and vandal-resistant.
- Internal charger for external battery backup.
- 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.
- 5000 First In First Out history event log, when offline.

AS-215 CLIENT/SERVER SOFTWARE HIGHLIGHTS

- Each ACU subnet, consisting of 1 or more ACUs, may be connected to a PC running the AS-215 server PC software.
- Enables management of user data, photo with custom fields, access rights, alarms, strike times, and door modes, from a central location.
- Used for continuous event monitoring, or periodically for batch downloading of event data, administration and maintenance.
- Other PC's on the network may connect to the server by running the AS-215 PC software in *client* mode.
- Produces reports from acquired data, such as entry and exit times, and by alarm type with filters for user(s), location, and time.
- The AS-215 software is available in a large selection of languages.
- Highly user friendly and strait-forward interface provides an easy and fast setup.



Product Specifications

ELECTRICAL CHARACTERISTICS	
• ACU Power Supply Voltage:	12VDC, regulated from PS-14 regulated power supply module
• ACU Power Supply Max Current:	500mA input current limitation (PS-14)
• ACU Input Current:	Standby: 125mA at 12VDC Maximum: 325mA at 12VDC
• Relays:	Four 5A, N.O. and N.C. relays
• Battery Charger:	12V sealed lead acid (SLA) up to 7Ah (PS-14)
• Maximum Current for Readers:	300mA at 12VDC
OPERATIONAL CHARACTERISTICS	
• Capacity:	5000 Users + 20,000 Users without rights (Time & Attendance)
• History Event Log Size:	5000 Events
• Inputs:	Four high-impedance, active low inputs. Max. 5V DC
• Readers:	Two Wiegand 26/32/34/37/40 bit / C&D reader ports with tamper and LED control, 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, 8 subnets (256 units max.) using AS-215 software
• Audio/Visual:	Built-in sounder (Alarm, Chime, Bell), 8 on-board and 3 P.S. LEDs
• Modes of Operation:	Single Door (In/In), Dual Door (In/Out)
• Time Zones and groups:	32 multiple segment time zones, 64 holidays, 128 access groups
• 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
• Firmware Upgrade:	Local / Remote, Through AS-215 PC software
PHYSICAL CHARACTERISTICS	
• ACU Board Dimensions:	168mm x 121mm (6.61" x 4.76")
• Enclosure:	Metal, locked 326mm x 263mm x 97mm (12.8" x 10.4" x 3.82")
• Weight:	2.4kg (5.3 lbs)
ENVIRONMENTAL CHARACTERISTICS	
• 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-215 is compatible with a range of Rosslare accessories, including a diverse selection of readers, accessories and serial converters to TCP/IP networks



Additional Information

The AC-215 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

