AC-215x-B

2-Reader Networked Access
Control Panel

AC-215IP-DIN

AC-215IP-B

The AC-215IP-B Intelligent 2-Reader Networked Access Controller is powered by Rosslare's AxTraxNG™ or AxTraxPro™ server to deliver full featured access control and automation capability via 10/100 Ethernet port. The AC-215IP-B (TCP/IP) and AC-215-B (RS-485) access control and automation panels feature 2 readers, 4 outputs, and 4 inputs in a compact high-quality DIN housing that can be easily installed into the ME-1015 power management enclosure or can be mounted in custom enclosures. The AC-215IP-B is Rosslare's entry level intelligent IP controller that supports 30,000 credentials and 30,000 PIN codes, and provides an ideal, modular, and expandable solution for commercial and institutional needs.

GENERAL DESCRIPTION

AC-215x-B is a 2-Reader Networked access control and automation panel for AxTraxNG™ or AxTraxPro Access server. There are 2 versions of the panel, one with TCP/IP (AC-215IP) networking and (AC-215) with addressable RS-485 networking. The panels may be ordered in DIN version with just the panel, in a DIN housing ready for DIN rail mounting, or enclosed in a ME-1015 Power Management Enclosure which includes power supply with UPS charger, Rosslare LightBar™ and Rosslare PowerLock™ features in a secure lockable enclosure. AC-215x-B are advanced controllers, with real-time processing, online, and offline operation modes. The panels feature non-volatile memory in case of total power loss, and a 20,000-event log that updates the server of events during network disconnections. The panels support 30,000 users, 128 access areas, 128 access groups, 128 time zones, 64 holidays, and 32 panel automation links. They feature 2 readers, 4 outputs, 4 inputs, buzzer indicator output, and LED indicators for TCP/IP, Serial Bus, and output status. The reader ports support industry standard Wiegand inputs from 26-Bit to 64-Bit and 8 different keypad formats. When connected to AxTraxNG[1] or AxTraxPro Access Control Management Software with Microsoft®

Windows®, networks of up to 1023 panels may be achieved with the AC-215IP over LAN and WAN architectures.

MAIN FEATURES

- Full online and offline operation
- Supports for 30,000 active credentials + 30,000 PIN codes, 128 access groups, 128 access areas, 128-time zones, 64 holidays and 32 Smart Links for automation
- 20,000 nonvolatile, FIFO, records the event log while offline
- Real-time clock with super-cap keeps time for up to 2 weeks when total power loss (no batteries to replace)
- Supports wide range of Rosslare and third-party readers with wide range of Wiegand reader formats, PIN keypad formats.
  Supports a large variety of locking hardware with built-in logic options to support wide range of lock strikes, deadbolts, electric strikes, maglocks, and handle locks (Fail Safe / Fail Secure).

[1] AxTraxNG V27.5.7.0 and above

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SPECIFICATIONS (AC-215x-DIN)

ELECTRICAL SPECIFICATIONS

▪ ACU Power Supply Voltage	12 VDC, regulated from regulated power supply
▪ Serial Ports	10/100 Ethernet Port (AC-215IP version) RS-485 Port, 4-wire G-Bus RS-232 Port: 4-Wire Standard RS-232
▪ Inputs	4 supervised, hi-impedance, inputs Max. voltage: 5 VDC
▪ Outputs	4 fully programmable 5 A, N.O. and N.C. relay outputs rated 5A @ 30Vdc
▪ Reader Ports	2 reader ports (6-wire) Power: 12 V, 300 mA each Data: Wiegand Clock & Data Input/Output: LED control, tamper input
▪ Speaker Output (Audio)	Speaker output for generating audible annunciation
▪ LED Indicators (Visual)	TCP/IP (Link + Data), RS-485 Link/Data, Output LED 4, Power LED

OPERATIONAL SPECIFICATIONS

▪ Networking	Using AxTraxNG/AxTraxPro server connect 32 units/subnet (AC-215B) for up to 64 readers per network
▪ Capacity	30,000 active credentials (Card & PIN)
▪ History Event Log Size	20,000 events
▪ Time Zones and Groups	128 multiple segment time zones, 64 holidays, 32 SmartLinks (If/then) on panel, 30,000 access groups
▪ Special Features	Interlock, first person delay, auto relock, scheduled outputs operation, 4 programmable site codes, extended unlocked time, activation/deactivation, antipassback (hard/soft/timed)

PHYSICAL SPECIFICATIONS

▪ ACU Board Dimensions	193 x 136.5 mm x 39 mm (7.6 x 5.4 x 1.5 in)
▪ Enclosure	Protective cover and DIN rail / wall mount
▪ Weight	0.36 kg (12.7 oz)

ENVIRONMENTAL SPECIFICATIONS

▪ Operating Environment Range	Indoor installation only
▪ Operating Temperature Range	0°C to 49°C (32°F to 120°F)
▪ Operating Humidity Range	0 to 85% (non-condensing)

ORDER MODELS	AC-215IP-B – TCP/IP networked model with ME-1015 AC-215-B – RS-485 model with ME-1015 AC-215IP – DIN – TCP/IP panel only with DIN housing AC-215-DIN – RS-485 serial bus panel only with DIN housing
STANDARDS APPROVALS	CE – Safety, ENC, RFI, LVD RED 2104/53/EU FCC- CFR47 Part 15b
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.

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