AYC-Q64B

Convertible Anti-Vandal Backlit PIN & Prox Reader / Controller

Part of the Convertible line of readers / controllers, this unit can be operated as an outdoor backlit keypad & proximity reader, which connects to any standard controller, or else it converts into a fully featured, 500-users stand-alone controller when connected to Rosslare's PS-x5 family of intelligent power supply/relay units. This unit provides a most effective solution for indoor and outdoor access systems where PIN & proximity credentials are required. This attractive looking yet robust model features unique shiny blue illuminated metal keys on a metallic, epoxy filled, sealed housing.

General Description

For greater peace of mind, this sturdy access control unit provides a rugged keypad with advanced access control features, in an aesthetically-designed housing.

The AYC-Q64B offers programmable PIN & Proximity transmission formats, LED Control and tamper detection, providing extra security and flexibility.

Come rain or shine, this unit can handle the challenge, with its extremely-strong metallic housing and waterproof enclosure for maximum durability.

The backlit keypad, with its auto-dimming options is clearly visible day or night, making these units ideal for residential and commercial applications.

Main Features

- Supports 4 to 8-Digit PIN credentials and 125KHz EM type RFID cards and tags

- Smooth, attractive design, with all-weather indoor and outdoor operation.

- Large, highly-visible BLUE Backlit Keypad.

- 2 tri-colored LEDs and an integral sounder for programming and operation.

- User friendly menu, based on keypad, LED and sounder indicators.

- Back and Cover Optical tamper detection and output.

- Default operation as a multi-format reader (Wiegand 26 bits / Clock & Data)

- Automatically recognizes Rosslare's PS-x5 intelligent power supply family converting it into a 500-user stand-alone controller with secure relays.

PROFESSIONAL GRADE FEATURES

- 8 Selectable PIN transmission modes including options for Key stream, Binary, Parity, and 3x4 Matrix.

- Supports Wiegand or Clock & Data Transmission formats.

- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening.

- 60 cm (23.6 in.) shielded interface cable.

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Product Specifications

ELECTRICAL	
• Operating Voltage Range:	Reader mode: 5 to 16VDC from a standard controller Controller mode: PS-X5T series intelligent power supplies
• Input Current:	Standby: 90mA at 12VDC Maximum: 130mA at 16VDC
• Proximity Card Reader:	Maximum read range*: 45mm (1.77") Modulation: ASK at 125 kHz Compatible cards: All 26-Bit EM Cards * Measured using Rosslare Prox Card AT-R14 or equivalent. Range also depends on electrical environment and proximity to metal.
• Tamper:	Optical back tamper sensor, O.C. active low, 32mA max. sink current
OPERATIONAL	
• Keypad:	3x4 Keys for local programming and 4 to 8 digit PIN codes entry
• Design:	Epoxy potted, fully sealed in a rugged metal enclosure, blue backlit metal keys, highly strong construction. Suitable for extremely harsh environments.
• Audio/Visual:	Two tri-color LED indicators, Built-in buzzer
READER MODE	
• LED Control:	Dry contact, N.O.
• Facility Code:	Programmable
• Card Read Format:	Selectable Wiegand 26 Bits or Clock & Data
• PIN Code Formats:	8 selectable formats, from 1 to 8 digit length PIN Codes
CONTROLLER MODE	(available with PS-X5T series intelligent power supplies only)
• Capacity:	500 Users, dual code / card or code + card each
• User Levels:	Normal, Secure and Master
• Security Modes:	Normal, Bypass and Secure
• Outputs:	Lock Strike output Auxiliary output (PS-25T series)
• Inputs:	REX (Request to Exit) Auxiliary/Door Monitor with 10 programmable modes
ENVIRONMENTAL	
• Operating Environment:	All weather, indoor and outdoor use, meets IP65
• Operating Temperature:	-30˚C to 65˚C (-22˚F to 150˚F)
• Operating Humidity:	0 to 95%
PHYSICAL CHARACTERISTICS	
• Dimensions:	137mm x 44mm x 21mm (5.39" x 1.73" x 0.83")
• Weight:	160g (0.35 lbs)

Dual Application Product

AYC-Q64B is compatible with standard access controllers in Reader mode. With Rosslare's PS-x15 or PS-x25 intelligent power supply series it automatically converts into a 500-user secure controller.

Additional Information

The AYC-Q64B is covered by Rosslare's 5-year Limited Product Warranty.

For sales information or product documentation, please visit our website: http://www.rosslaresecurity.com.

CE   FC CFR47 Part 15b Certified   UL UL-294 Listed for Access Control System Units

RoHS COMPLIANT   TÜV CERT