AYC-G54

Convertible 2x6 Backlit PIN Reader / Controller

Part of the Convertible line of readers / controllers, this unit can be operated as an outdoor backlit keypad 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 credentials are required.

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-G54 offers programmable PIN transmission formats, LED Control and tamper detection, providing extra security and flexibility.

Come rain or shine, this unit can handle the challenge, with its rugged ultraviolet-resistant housing and waterproof enclosure for maximum durability.

The backlit keypad is clearly visible day or night, making this unit ideal for residential and commercial applications.

Main Features

- Supports 4 to 8-Digit PIN credentials
- Smooth, attractive design, with all-weather indoor and outdoor operation
- Large, highly-visible RED 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
- 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
- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening
- 23.6 inch (60 cm) shielded interface cable

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Product Specifications

ELECTRICAL CHARACTERISTICS

Operating Voltage Range:	Reader mode: 5 to 16VDC from a standard controller Controller mode: PS-X5T series intelligent power supplies
Input Current:	Standby: 75mA at 12VDC Maximum: 110mA at 16VDC
Tamper:	Optical back tamper sensor, O.C. active low, 32mA max. sink current

OPERATIONAL CHARACTERISTICS

Keypad:	2x6 Keys for local programming and 4 to 8 digit PIN codes entry
Design:	Epoxy potted, fully sealed in a rugged polycarbonate enclosure. Red illuminated rubber keys. Suitable for harsh environments.
Audio/Visual:	Two tri-color LED indicators, Built-in buzzer

READER MODE

LED Control:	Dry contact, N.O.
Facility Code:	Programmable
PIN Code Formats:	8 selectable formats, from single to 8 digit PIN Codes, including: - 6 or 8 Bits Wiegand, Nibble/Parity options, optional Rosslare Format - 1-5 keys, fixed 4 keys, 6 keys BCD w/ facility code, Wiegand 26 bits - 3x4 Matrix single key - 1 to 8 keys BCD, Clock & Data

CONTROLLER MODE

(available with PS-15T/PS-25T series intelligent power supplies only)	
Capacity:	500 Users, single/dual code 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 CHARACTERISTICS

Operating Environment:	All weather, indoor and outdoor use, meets IP65
Operating Temperature:	-31˚F to 151˚F (-31˚C to 66˚C)
Operating Humidity:	0 to 95%

PHYSICAL CHARACTERISTICS

Dimensions:	5.39 x 1.73 x 0.83 inch (137 x 44 x 21 mm)
Weight:	0.35 lbs (160 g)

Dual Application Product

AYC-G54 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.

AC-115   AC-215   AC-525

Additional Information

The AYC-G54 is covered by Rosslare's 5-year Limited Product Warranty.

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

CE

RoHS COMPLIANT

TÜVRheinland
ISO 9001:2008
Cert. No. 01 100 8925
ISO 14001:2004
Cert. No. 01 104 8925