GOPROX®
BY ROSSLARE

AYC-E/F/G/M/Q60

Backlit *go*PROX® & PIN Reader – Convertible Series

The *go*PROX® AYC family is a series of convertible PIN/Proximity readers. The *go*PROX® AYC series automatically determines whether to function as a reader or as a secured standalone controller. If the unit is connected to a standard access control unit, then it functions as a reader. If the unit is connected to a Rosslare secured intelligent power supply such as the PS-A25T, PS-C25T, or PS-C25TU, it functions as a 500-user secured standalone controller.

GENERAL DESCRIPTION

As a reader, the units can read all 125 kHz FSKCards/Tags(125 kHz) and outputs the card data in Wiegand according to the number of bits of data stored on the card. The units also read Rosslare PROX – EM Proximity Cards (125 kHz – EM) and can output EM card data as Wiegand 26-Bit, Clock & Data, and Wiegand + PIN.

As a controller, the units accept up to 500 users, and allow entry via a personal identification number (PIN) and/or by presenting a proximity card. The PIN code length for the controller can vary. The PIN code length can be a set number of 4, 5, or 6 digits or it can be flexible from 4 to 8 digits.

MAIN FEATURES

- Advanced, secure, multi-application functionality for intelligent installations

- Smooth, attractive design, with all-weather indoor and outdoor operation
- 2 tri-colored LEDs and an integral sounder for programming and operation
- Unique backlit piezoelectric keys
- 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 (ASK&FSK formats, Wiegand 26-Bit, Clock & Data)
- Automatically recognizes Rosslare's PS-x5 intelligent power supply family, converting into a 500-user standalone controller with secure relays
- 3 security levels (controller mode): Bypass (free entry), Normal (card or PIN required) or Secure (card + PIN)

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SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

- Operating Voltage Range — 5–16 VDC
- Standby Input Current — 100 mA
- Maximum Input Current — 140 mA
- Tamper Output — Open collector, active low, max. sink current 32 mA
- LED Control Input — Dry Contact N.O.
- Cable Distance Host Controller — Up to 150 m (500 ft) using an 18 AWG cable
- Max Proximity Card Range — 60 mm (2.36 in.)
- Proximity Card Modulation — ASK and FSK at 125 kHz
- Card Transmit Format (Reader) — Rosslare PROX – EM cards: Wiegand 26-Bit, or Clock & Data
  FSK cards: According to card type
- LED Indicators — Two tri-colored LEDs
- Compatible Cards — 125 kHz and/or dual technology ISO cards, clamshell and tags

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature — -30ºC to 65ºC (-22ºF to 150ºF)
- Operating Humidity — 0% to 95% (non-condensing)
- Outdoor Usage — Weather-resistant, meets IP-65, epoxy potted, suitable for outdoor use

MECHANICAL SPECIFICATIONS	AYC-E60B	AYC-F60	AYC- G60	AYC-M60	AYC-Q60
Dimensions (L x W x H)	155 x 44 x 9 mm (6.1 x 1.7 x 0.35 in.)	120 x 76 x 21 mm (4.72 x 3 x 0.87 in.)	137 x 44 x 21 mm (5.39 x 1.73 x 0.83 in.)	92.5 x 92.5 x 17.8 mm (3.64 x 3.64 x 0.70 in.)	120 x 76 x 22 mm (4.72 x 3 x 0.96 in.)
Weight	143 g 0.31 lbs	480 g 1.05 lbs	160 g 0.35 lbs	170 g 0.37 lbs	480 g 1.05 lbs

SYSTEM COMPONENTS	The AYC-E/F/G/M/Q60 units are compatible with Rosslare's as well as various third-party systems. Compatible with Rosslare PROX – EM cards and FSK cards.
PRODUCT WARRANTY	5-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

www.rosslaresecurity.com

CE UL LISTED EN ISO 13485 CERT ISO 9001 ISO 14001 RoHS COMPLIANT

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