

AYC-E55

Ultra-Slim Piezo PIN Reader – Convertible



A UNIQUE ULTRA-SLIM PROFILE, A SMOOTH METALLIC SURFACE AND HIGHLY SENSITIVE PIEZOELECTRIC KEYS MAKE THIS UNIT EXTREMELY ATTRACTIVE FOR ALL-WEATHER PIN ACCESS APPLICATIONS. FULLY SEALED AND EPOXY POTTED IN A METAL HOUSING, THE AYC-E55 OFFERS AN EXCEPTIONALLY DURABLE SOLUTION FOR ANY NEED.

AS PART OF ROSSLARE'S CONVERTIBLE LINE OF READERS/CONTROLLERS, THIS UNIT CAN BE OPERATED AS A KEYPAD READER THAT CONNECTS TO ANY STANDARD CONTROLLER, OR CONVERTS INTO A SECURE 500-USERS STANDALONE CONTROLLER WHEN CONNECTED TO ROSSLARE'S PS-X25T FAMILY OF INTELLIGENT POWER SUPPLY/RELAY UNITS.

GENERAL DESCRIPTION

For greater peace of mind, this sturdy access control unit provides a rugged keypad with advanced access control features, in a uniquely aesthetic and strong housing.

The AYC-E55 offers programmable PIN transmission formats, LED control and tamper detection to provide extra security and flexibility.

Come rain or shine, this unit can handle the challenge, with its rugged slim design, metallic housing and waterproof enclosure for maximum durability.

The piezoelectric keypad with highly sensitivity keys allows easy and smooth operation, making these units ideal for residential and commercial applications.

MAIN FEATURES

- Supports 4- to 8-digit PIN credentials
- Smooth, attractive design, for all-weather indoor and outdoor operation
- Large, highly visible piezoelectric keypad

- 2 tri-colored LEDs and an integral sounder for programming and operation
- User-friendly menu system based on keypad, LED, and sounder indicators
- Optical back tamper detection output
- Default operation as a multi-format reader. Automatically recognizes Rosslare's PS-x25T intelligent power supply family converting it into a 500-user standalone controller with secure relays

PROFESSIONAL GRADE FEATURES

- 8 selectable PIN transmission modes including options for key stream, binary, parity, and 2x6 matrix
- Supports Wiegand or Clock & Data transmission formats
- Comes with a mounting and drilling label
- 60 cm (23.6 in.) shielded interface cable

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	Reader mode: 5 to 16 VDC from a standard controller Controller mode: PS-x25T series intelligent power supplies
■ Input Current	Standby: 15 mA @ 12 VDC, Maximum: 40 mA @ 16 VDC
■ Tamper	Open collector, active low, 30 mA max sink current

OPERATIONAL SPECIFICATIONS

■ Keypad	2x6 keys for local programming and 4- to 8-digit PIN codes entry
■ Design	Epoxy potted, fully-sealed in a rugged thin metal enclosure, highly strong construction and high sensitive piezoelectric keys. Suitable for extremely harsh environments
■ Audio/Visual	Two tri-colored LED indicators, built-in buzzer

READER MODE

■ LED Control	Dry contact, N.O.
■ Facility Code	Programmable
■ PIN Code Formats	8 selectable formats, from 1- to 8-digit PIN codes

CONTROLLER MODE

	Available with PS-x25T series intelligent power supplies only
■ Capacity	500 users, single/dual PIN code each
■ User Levels	Normal, Secure, and Master
■ Security Modes	Normal, Bypass, and Secure
■ Outputs	Lock Strike output, Auxiliary output (PS-x25T series)
■ Inputs	REX (Request to Exit) Auxiliary/Door Monitor with 10 programmable modes

ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	All weather, indoor and outdoor use, meets IP68
■ Operating Temperature	-30°C to 65°C (-22°F to 150°F)
■ Operating Humidity	0 to 95%

PHYSICAL SPECIFICATIONS

■ Dimensions	155 x 44 x 6.5 mm (6.10 x 1.73 x 0.26 in.)
■ Weight	120 g (0.265 lbs)

SYSTEM COMPONENTS

	AYC-E55 (Reader mode) is compatible with standard access controllers. With Rosslare's PS-x25T intelligent power supplies series, it automatically converts into a 500-user secure controller.
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PRODUCT WARRANTY

	5-year Limited Product Warranty
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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).

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