ROSSLARE
SECURITY PRODUCTS

AY–G64
Outdoor Backlit PIN & Proximity Reader

Rosslare's newest outdoor backlit keypad, the AY-G64 Outdoor Backlit PIN & proximity reader, is a cost-effective solution for indoor and outdoor systems where PIN + Prox credentials are required. This durable model can be easily interfaced with most Rosslare or third-party controller.

General Description

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

The AY-G64 offers programmable PIN + Prox transmission formats, LED Control, and tamper detection, in order to provide extra security and flexibility.

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

The backlit keypad is clearly visible during the day or night, making these units ideal for residential, commercial and industrial applications.

Main Features

- Supports 4-Digit to 8-Digit PIN, and Prox credentials.
- Built-in reader compatible with 26-Bit Wiegand RFID cards.
- Smooth, attractive design, with all-weather Indoor and Outdoor Operation.
- Large, high-visibility RED Backlit Keypad.
- 2 LEDs and an integral sounder for programming and operation.
- Optical tamper detection technology.
- Door bell feature ("*" key), with Rosslare accessories*.

* It is necessary to use Rosslare's controllers or BL-D40 Sounder for the Bell feature.

PROFESSIONAL GRADE FEATURES

- 8 Programmable PIN + Prox transmission modes including options for Key stream, Binary, Parity, and 3x4 Matrix.
- Supports Wiegand 26-Bit, or Clock & Data Transmission formats.
- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening.
- UL-294 Listed Product.
- Manufactured in Rosslare's ISO: 9001 registered facility.
- 60 cm (23.6 in.) 10-wire shielded interface cable.

CREATE YOUR OWN PEACE OF MIND

AY-G64 Outdoor Backlit PIN & Proximity Reader

Product Specifications

ELECTRICAL CHARACTERISTICS	
• DC Input Power:	5-16 VDC, from a regulated power supply
• Input Current:	Standby: 85mA at 12 VDC Maximum: 95mA at 12 VDC
OPERATIONAL CHARACTERISTICS	
• Tamper Output:	Open Collector, active low 32mA max sink current. – Optical Technology
• PIN-Codes:	8 formats supported; from single key up to 8-Digit PIN Codes
• Proximity Card Reader:	Maximum Read Range: Up to 80mm (3.15in.) Modulation: ASK Cards at 125KHz Compatible: Wiegand 26-Bit EM compatible
• LED Control Input:	Dry Contact, Normally Open
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Indoor Use and Outdoor Use – All Weather – Rated IP65
• Operating Temperature:	-12˚C to 60˚C (10˚F to 140˚F)
• Operating Humidity:	0 to 100%
• RFI Protection:	> 20 V/m up to 1000 MHz
PHYSICAL CHARACTERISTICS	
• Dimensions:	135mm L x 44mm W x 29mm D (5.33 in. x 1.74 in. x 1.12 in.)
• Weight:	178 g (0.39 lbs)

System Components

The AY-G64 is compatible with a variety of Rosslare's Wiegand 26-bit access controllers (AC-215, AC-115, AC-020, AC-015) and power supplies, as well as with many third party access control systems.

Additional Information

The AY-G64 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