

## AY-G64

### Outdoor Backlit 2x6 PIN & Proximity Reader

**Rosslare's newest outdoor backlit keypad, the AY-F64 is a cost-effective solution for indoor and outdoor systems where PIN and Proximity credentials are required. This durable, Mullion-style model can easily interface with most Rosslare's or third-party controllers. A PC is not required.**

### 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 and proximity 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 day or night, making these units ideal for residential and commercial applications.



### Main Features

- Supports 4-Digit to 8-Digit PIN and proximity credentials.
- Smooth, attractive design, with all-weather indoor and outdoor operation.
- Large, high-visibility RED Backlit Keypad.
- 2 tri-colored LEDs and an integral sounder for programming and operation.
- User friendly menu system based on keypad, LED and sounder indicators.
- Back Optical tamper detection output.
- Door bell feature ('\*' key), when operated with Rosslare controllers.

### PROFESSIONAL GRADE FEATURES

- Integrated proximity reader at 125KHz ASK modulation
- 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.
- Optional attractive looking flush-mount housing is now available.

# AY-G64 Outdoor Backlit 2x6 PIN & Prox Reader



## Product Specifications

<b>ELECTRICAL CHARACTERISTICS</b>	
• Operating Voltage Range:	5-16 VDC, from a regulated power supply.
• Input Current:	Standby: 85mA at 12 VDC Maximum: 95mA at 12 VDC
• LED Control:	Dry Contact, N.O.
• Proximity Card Reader:	Maximum read range*: 80mm (3.15") 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
<b>OPERATIONAL</b>	
• Keypad:	2x6 Keys for PIN codes entry and local programming Door bell key ('*') function (with Rosslare controllers only)
• Facility code:	Programmable
• Output Formats:	Selectable Wiegand 26 Bits or Clock & Data
• PIN Code formats:	8 selectable formats, from single to 8 digit PIN Codes, including: - 6 and 8 Bits Wiegand, Nibble and Parity bit options, optional Rosslare Format - 1-5 keys, fixed 4 keys and 6 keys BCD with facility code, Wiegand 26 bits - 3x4 Matrix single key - 1 to 8 keys BCD, Clock & Data
• Audio/Visual:	Two tri-color LED indicators, Built-in sounder
• Design:	Epoxy potted, fully sealed in a rugged polycarbonate enclosure. Red illuminated rubber keys. Suitable for harsh environments.
<b>ENVIRONMENTAL</b>	
• Operating Environment:	Water resistant, suitable for outdoor use (IP65)
• Operating Temperature:	-30°C to 65°C (-22°F to 150°F)
• Operating Humidity:	0 to 95% (non-condensing)
• RFI Protection:	> 20 V/m up to 1000 MHz
<b>PHYSICAL CHARACTERISTICS</b>	
• Dimensions:	137mm x 44mm x 29mm (5.39" x 1.73" x 1.14")
• Weight:	157g (0.35 lbs)

## System Components

The AY-G64 is compatible with a variety of Rosslare's access controllers (AC-215, AC-115, AC-020, AC-015), as well as with many third party access control systems. Optional flush-mount housing is also available.



## 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>.



Distributed by:

VERSION 2.0  
 5501-0010242-01  
 © Copyright Rosslare 2005-2006

