

AY-F64

Outdoor Backlit 3x4 PIN & Proximity Reader

Rosslare's newest outdoor backlit keypad, the AY-F64 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 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-F64 offers programmable PIN + 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 26-Bit Wiegand or Clock-and-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.

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• 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*: 75mm (2.95") Modulation: ASK at 125 kHz Compatible cards: All 26-Bit EM Cards <small>* Measured using Rosslare Prox Card AT-R14 or equivalent. Range also depends on electrical environment and proximity to metal.</small>
• Tamper:	Optical back tamper sensor, O.C. active low 32mA max sink current
OPERATIONAL	
• Keypad:	3x4 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.
ENVIRONMENTAL	
• 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
PHYSICAL CHARACTERISTICS	
• Dimensions:	121mm x 71mm x 24mm (4.72" x 2.80" x 0.95")
• Weight:	244 g (0.54 lbs)

System Components

The AY-F64 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.



Additional Information

The AY-F64 is covered by Rosslare's 5-year Limited Product Warranty.

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

