

AY-F54

Outdoor Backlit PIN Reader

Rosslare's newest outdoor backlit keypad, the AY-F54 Outdoor Backlit PIN reader, is a cost-effective solution for indoor and outdoor systems where PIN 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-F54 offers programmable PIN 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 and commercial applications.



Main Features

- Supports 4-Digit to 8-Digit PIN 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.
- Case and Optical tamper detection output.
- 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 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.

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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.
• PIN-Codes:	8 formats supported; from single key up to 8-Digit PIN Codes.
• LED Control Input:	Dry Contact, Normally-Open
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Indoor 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:	121mm L x 71mm W x 29mm D (4.72 in. x 2.80 in. x 1.17 in.)
• Weight:	244 g (0.54 lbs)

System Components

The AY-F54 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-F54 is covered by Rosslare's 5-year Limited Product Warranty.

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



CFR47 Part 15b Certified



UL-294 Listed for Access Control System Units