

AY-V64

Medium-Range Backlit PIN & Proximity Reader

The **AY-V64 Medium-Range Backlit PIN & Proximity Reader** is part of a highly sophisticated line of proximity card and keypad readers developed by Rosslare. Encased in an attractive modern shell, this advanced reader packs features such as keypad backlight, optical tamper detection, and an internal buzzer. The AY-V64 supports multiple proximity card & keypad formats, and provides a high level of compatibility and connectivity with host controllers.

General Description

Rosslare's AY-V64 PIN & Proximity Reader is designed with a focus on high quality and reliability as a top priority.

Easy to install and operate, the AY-V64 PIN & Proximity Reader features state-of-the-art design and comparatively small footprint. Versatile and user friendly, the unit can be programmed to transmit proximity card data in 26-Bit Wiegand, clock & data, or Wiegand card plus PIN format.

The backlit keypad can also be programmed to output eight different data formats. For added convenience, the reader also contains two LED indicators that provide the unit's status during standby mode as well as during programming.



Main Features

- Programmable output format: 26-bit Wiegand and Clock & Data
- Read range of 9 inch (22 cm)
- Built-in red backlit keypad for PIN code entry
- LED control input
- Programmable facility code
- Backed by Rosslare's International Guarantee and service with ISO9001 (Certified TUV Rhineland) level business and manufacturing operations

PROFESSIONAL GRADE FEATURES

- 8 Programmable keypad transmission formats
- Built-in 125 KHz, ASK type EM RFID proximity reader
- Two tri-colored LEDs
- Internal buzzer provides audible feedback when a key is pressed
- Case and optical back tamper output
- 23.6 inch (60 cm) 6-wire interface cable
- Weather-resistant with epoxy potting (Meets IP54)
- Installation kit included
- Comes with a convenient mounting template

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Product Specifications

ELECTRICAL SPECIFICATIONS	
• Operating voltage range	5 to 16 VDC from a regulated power supply (Linear type recommended)
• Absolute maximum voltage (non-operating)	18 VDC
• Input current	Standby: 150 mA Maximum: 180 mA
• Tamper output	Maximum sink current 30 mA (pen collector), active low
• Maximum cable distance to controller	500 ft. (150 m)
PROXIMITY CARD READER	
• Maximum read range	9 inch (220 mm), measured using Rosslare's AT-14 or equivalent
• Modulation	ASK at 125 KHz
• Compatible cards	26-Bit Wiegand EM compatible
ENVIRONMENTAL SPECIFICATIONS	
• Operating temperature	-4°F to 145°F (-20°C to 63°C)
• Operating humidity	0% to 95% (non-condensing)
• Operating environment	Suitable for outdoor use, meets IP54
PHYSICAL SPECIFICATIONS	
• Dimensions	4.92 x 4.92 x 0.83 inch (125 x 125 x 21 mm)
• Weight	10.05 oz. (285 g)

System Components

The AY-V64 is compatible with a variety of Rosslare's Wiegand 26-bit access controllers (AC-525, AC-225, AC-215, AC-115, AC-020, AC-015) and power supplies, as well as with many third party access control systems.



AC-115



AC-225



AC-525

Additional Information

The AY-V64 is a high-quality electronic product developed and manufactured under ISO9001:2000. It is covered by Rosslare's 5-year Limited Product Warranty.

Please visit our website for documentation and sales information: <http://www.rosslaresecurity.com/>

