AY- V64B

Medium-Range Backlit Proximity & PIN Reader

The AY-V64 Medium-Range Backlit Proximity & PIN 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 and keypad formats, and provides a high level of compatibility and connectivity with host controllers.

GENERAL DESCRIPTION

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

Easy to install and operate, the AY-V64 Proximity & PIN Reader features state-of-the art design and a 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 contains two LED indicators that show the unit's status during standby mode as well as during programming.

MAIN FEATURES

- Programmable output format: 26-bit Wiegand, Clock & Data, Wiegand Card + PIN
- Read range of 22 cm (9 in.)
- Built-in red backlit keypad for PIN code entry
- LED control input

- Programmable Facility code

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
- 46-cm (18") pigtail cable
- Weather-resistant with epoxy potting (meets IP54)
- Installation kit included
- Comes with a convenient mounting template

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SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	5–16 VDC, from a regulated power supply
■ Absolute maximum (non-operating)	18 VDC
■ Input Current	Standby: 150 mA Read: 180 mA
■ Tamper Output	Open collector, active low, max. sink current 30 mA

PROXIMITY CARD READER

■ Maximum read range	22 cm (9 in.) *Measured using a Rosslare proximity card or equivalent. Range also depends on electrical environment and proximity to metal.
■ Modulation	ASK at 125 kHz
■ Compatible cards	26-Bit Wiegand EM compatible

ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Suitable for outdoor use (IP54)
■ Operating Temperature Range	-20°C to 63°C (-4°F to 145°F)
■ Operating Humidity Range	0% to 95% (non-condensing)

PHYSICAL SPECIFICATIONS

■ Dimensions (H x W x D)	125 x 125 x 21 mm (4.9 x 4.9 x 0.8 in.)
■ Weight	285 g (10.1 oz)

SYSTEM COMPONENTS	The AY-V64 is compatible with a variety of Rosslare's controllers, as well as with many third-party access control systems.
PRODUCT WARRANTY	5-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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