

AY-W6350

Mifare® Smartcard S/N & PIN Code Reader

This Mifare® 13.65MHz Smartcard and PIN code reader has an elegant design with backlit keys. AY-W6350 is an advanced model with multi-format output for high compatibility with standard host access controllers. It has a local menu for programming facility code and Card & PIN credential modes. This fully potted model resists dust and moisture at level IP65.

General Description

The AY-W6350 is the latest addition to Rosslare's product family of Mifare® card readers. It can read the Mifare® card serial number (CSN) from all ISO-14443A-3 type cards.

AY-W6350 has locally programmable modes for a PIN code of 1-8 digits, with a high-security option of "PIN plus card", and a 3-digit facility code. Even with the unit's strong features, this reader is user-friendly and easy-to-install with an additional level of security in the form of a password-protected menu.

This reader supports Wiegand 26, 32, 34, and 40-Bit or Clock & Data output protocols. It has a 6-wire shielded cable interface to the host controller for power, data, LED control input, and tamper status.

Backlight offers a higher level of user accessibility. Free from sharp edges, it is ideal for installations where style and functionality are highly important.



Main Features

- 13.56 MHz ISO1443A-3 Smartcard reader.
- Backlit 3x4 keypad.
- Smooth, attractive and elegant industrial design.
- Programmable 26-Bit to 40-Bit Wiegand, and Clock & Data transmission formats to host controller.
- Excellent 70mm (2.76 in.) RFID Smartcard read range.
- "Card + PIN" mode for higher security.
- LED color control input.
- 1 tri-colored LED and integral sounder for programming and operation.
- 60 cm (23.6 in.) 6-wire interface cable.

PROFESSIONAL GRADE FEATURES

- Optical back tamper sensor for cover- and wall-tamper detection.
- 8-Programmable card and 8-Programmable PIN transmission modes for data and credential entry options.
- Door bell key feature (from "*" key when interfaced to Rosslare controllers).
- Weather-resistant with epoxy potting. (IP65)
- Programmable facility code.
- Installation kit includes template label, security screw, and tool.

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Input Power:	5 to 16VDC – from a linear type Power Supply (18 VDC is absolute maximum)
• Input Current:	Standby: 150mA at 12 VDC Maximum: 130mA at 12 VDC
OPERATIONAL CHARACTERISTICS	
• LED Control Input:	Normally Open (Dry Contact) changing RED / GREEN
• Tamper Output:	Open Collector, active low, maximum sink current 30mA
• PIN-Codes:	1-digit to 8-digit PIN Codes, with options
• Max Controller Cable Distance:	150 m (500 ft.)
• Max. Proximity Card Range:	70mm (2.8 in.) @ 13.56MHz ISO 14443A-3 & Mifare® Serial Number
• Indications and Sounds:	One tri-colored LED, and sounder for confirm or deny tones
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Indoor and outdoor use – All Weather – Rated IP65
• Operating Temperature:	-31°C to 63°C (-25°F to 145°F)
• Operating Humidity:	0 to 95% (Meets IP65)
• RFI Protection:	> 20 V/m up to 1000 MHz
PHYSICAL CHARACTERISTICS	
• Dimensions:	125mm L x 83mm W x 29.5 mm D (4.92 in. x 3.27 in. x 1.16 in.)
• Weight:	230 g (0.507lb)

System Components

The AY-W6350 Reader is compatible with a variety of Rosslare's Wiegand 26-bit access controllers (AC-215, AC-115, AC-015) and power supplies, as well as with many third party access control systems.



Additional Information

The AY-W6350 is covered by Rosslare's 5-year Limited Product Warranty.

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



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