AY-W6260; AY-W6360;

Mifare® Sector Readers Family

The Sector Readers Family are fully-featured smartcard proximity readers, ideal for highly secured facilities as well as other facilities that wish to utilize Mifare® applications such as electronic wallets combined with access control or intrusion, or time and attendance applications.

The AY-W6x60's elegantly designed readers are made from tough Polycarbonate plastic and are fully potted and sealed, making them suitable for outdoor use in all weather conditions.

General Description

Programming of the reader is done by presenting a programmable Configuration Card, using Rosslare's Smart Card programmer (CP-R25).

The Reader scans information stored in specific protected sector within a Mifare® smartcard, sends the data to a connected access control system, and allows the integrator to set secret keys for different sectors on the card.

This establishes a unique network with proprietary cards, where no card can possibly have the same ID on the same location and with the same reader Key.

The readers meet IP65 and are suitable for both indoor and outdoor use. The interface is a 10-Wire pigtail that allows you to connect the unit to a control panel.

These products have the capability of being customized for most major projects.

Main Features

- Advanced, secure, multi-application functionality for intelligent installations
- Easy to deploy in the field with the configuration card (Master card) for secure sector reading of data from the sectors
- Configurable multi output format, supports Wiegand 26-bit format and many more
- Multiple keypad transmission formats (AY-W6360)
- Compatible with CP-R25 USB Desktop Card Programmer
- Microsoft® Windows Compatible software for Master and User Card configuration (AS-B01)

ADVANCED FEATURES

- Reads MIFARE® ISO14443 Type A, Standard cards
- Dedicated LED and buzzer control inputs
- Optical tamper sensor for case and wall tamper detection
- Fully compatible with Mifare® 1K and 4K
- Reads card's serial number with Mifare® Ultralight and Mifare® DESFire
- Outdoor use and weather-resistant

Product Specifications

ELECTRICAL CHARACTERISTICS	AY-W6260	AY-W6360
• Operating Voltage Range:	5-16 VDC	
• Standby Input Current:	110mA	180mA
• Maximum Input Current:	165mA	235mA
• Tamper Output:	Open collector, active low, max sink current 30mA	
OPERATIONAL CHARACTERISTICS		
• Inputs:	Programmable LED Control / Buzzer control Input, N.O, Dry Contact	
• Indicators:	Tri-Colored LED indicators	
• Output Format:	Wiegand 26-bit, Clock & Data, Wiegand 32 bit, Wiegand 34 bit, Wiegand 40 bit	
• Built-In Proximity Reader:	Operating Frequency: 13.56 MHz Mifare® Compatible ISO-14443A-3	
• Max. Proximity read range:	70mm (2.75")	
ENVIRONMENTAL CHARACTERISTICS		
• Operating Environment:	Water resistant, suitable for outdoor use (meets IP65)	
• Operating Temperature:	-31°C to 63°C (-25°F to 145°F)	
• Operating Humidity:	0% to 95% (Non-Condensing)	
MECHANICAL CHARACTERISTICS		
• Dimensions: H x W x D	125 x 83 x 29.5 mm 4.92 x 3.27 x 1.16 inch	
• Weight:	230g (0.507 lb)	

System Components

The Read-Sector Readers are compatible with Rosslare's CP-R25 USB Desktop card programmer and its associated software, the AS-B01 Card Programming PC Software.

The readers are compatible with a variety of Rosslare's controllers (AC-225, AC-215, AC-115 etc.) as well as with many third party systems, and are compatible with Rosslare's AT-T511, AT-T512, AT-T513, and AT-T515 Cards & Tags.

AC-225 & PS-33   AC-215   AC-115   AT-T515

Additional Information

The readers are 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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