AY-W6x60

Mifare® Sector Reader Family

THE SECTOR READER FAMILY IS A FULLY-FEATURED SMARTCARD CONTACTLESS READER, IDEAL FOR HIGHLY SECURED FACILITIES AS WELL AS OTHER LOCATIONS THAT WISH TO UTILIZE SMARTCARD BASED APPLICATIONS SUCH AS ELECTRONIC WALLETS COMBINED WITH ACCESS CONTROL OR INTRUSION, TIME & ATTENDANCE APPLICATIONS, AND MORE. THE AY-W6260 AND AY-W6360 ELEGANTLY DESIGNED READERS ARE MADE OF 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, created using Rosslare's Smart Card programmer (CP-R25).

The Readers scan information stored in a 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 within 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 10-Wire interface allows easy connection of the unit to a control panel and includes LED control, Buzzer control and more.

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 others
- Multiple keypad transmission formats (AY-W6360)
- Compatible with CP-R25 USB Desktop Card Programmer
- PC software for Master and User Card configuration (AS-B01)

PROFFESIONAL GRADE 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™
- Suitable for outdoor use and weather-resistant

ROSSLARE
SECURITY PRODUCTS

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	AY-W6260	AY-W6360
■ Operating Voltage Range	5-16 VDC	
■ Standby Input Current	110 mA	180 mA
■ Maximum Input Current	165 mA	235 mA
■ Tamper Output	Open collector, active low, max sink current 30 mA	
OPERATIONAL SPECIFICATIONS		
■ Inputs	Programmable LED Control / Buzzer control Input, N.O, Dry Contact	
■ Indicators	Tri-Colored LED indicator	
■ 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-14443 A-3	
■ Max. Proximity read range	2.75 in. (70 mm)	
ENVIRONMENTAL SPECIFICATIONS		
■ Operating Environment	Water resistant, suitable for outdoor use (meets IP 65)	
■ Operating Temperature	-25°F to 145°F (-31°C to 63°C)	
■ Operating Humidity	0% to 95% (Non-Condensing)	
MECHANICAL SPECIFICATIONS		
■ Dimensions (H x W x D)	4.92 x 3.27 x 1.16 in. 125 x 83 x 29.5 mm	
■ Weight	8.11 oz (230 g)	
SYSTEM COMPONENTS	The Read-Sector Readers are compatible with Rosslare's CP-R25 USB Desktop card programmer and its associated AS-B01 Card Programming Software. The readers are compatible with a variety of Rosslare's controllers as well as with many third party systems	
PRODUCT WARRANTY	2-year Limited Product Warranty	

ABOUT ROSSLARE SECURITY
Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

Visit our website: www.rosslaresecurity.com

CE

RoHS COMPLIANT

30 YEARS

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SECURITY PRODUCTS
Create your own peace of mind.