

AY-Q6x60

Anti-Vandal MIFARE®
Sector Reader Family



AY-Q6260

AY-Q6360

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-Q6260 AND AY-Q6360 INTRODUCE A PATENTED, INDUSTRY FIRST – 13.56 MHZ TECHNOLOGY ENCASED IN A METAL BODY, THUS COMBINING SMARTCARD TECHNOLOGY WITH AN ANTI-VANDAL METAL SHIELD, 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 Reader scans 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-Q6360)
- Compatible with CP-R25 USB Desktop Card Programmer
- PC software for Master and User Card configuration (AS-B01)
- High strength design, epoxy potted, fully sealed within an all-metallic housing

PROFESSIONAL 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

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	AY-Q6260	AY-Q6360
■ Operating Voltage Range	5-16 V DC	
■ Standby Input Current	110 mA	160 mA
■ Maximum Input Current	190 mA	240 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 Formats	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	45 mm (1.77 in.)	
ENVIRONMENTAL SPECIFICATIONS		
■ 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 SPECIFICATIONS		
■ Dimensions (H x W x D)	125 x 83 x 29.5 mm (4.92 x 3.27 x 1.16 in.)	
■ Weight	480 g (1.08 lb)	
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 (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-T551 Cards & Tags.	
PRODUCT WARRANTY		
	5-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).

www.rosslaresecurity.com

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