

AY-Q6250

Anti-Vandal Mifare® Contactless Smartcard Reader

The new AY-Q6250 is an Anti-Vandal Mifare® Smartcard Contactless reader, which provides the capability of serial ID reading of Mifare® cards to any standard access control system. With 7 programmable output formats, it will fit almost any existing system needs and required read information, making it a very simple, reliable and cost effective way to upgrade your system to Smartcard standard.

This fully sealed, epoxy potted unit provides weatherproof and vandal-resistant solution for extremely harsh environments.

General Description

The affordably priced AY-Q6250 reader is a contactless Serial ID Only reader that functions by reading the Milfare® ID Format Protocol via a variety of 13.56 MHz cards and tags.

Designed for easy strength and easy mounting with hidden screws (security screws may be used to enhance strength) and cover. Optical tamper adds protection against wall removal, and the buzzer adds audible RFID card read notification. LED control provides system based information to the end user.

The AY-Q6250 is crafted to the highest manufacturing standards out of the finest materials under Rosslare's ISO 9001:2000 Certified Quality standards.



Main Features

- Incorporates the ISO-14443A (Mifare®) ID Format Protocol.
- Reads range of up to 45 mm (1.8").
- High strength design, epoxy potted, fully sealed within an all-metallic housing
- Designed under Rosslare's ISO 9001:2000 Certified Quality standards.
- Multiple, programmable output formats including standard Wiegand 26-Bit.
- Selectable LED control or buzzer control functions.

PROFESSIONAL GRADE FEATURES

- Optical tamper sensor and output for cover and wall tamper detection.
- Bi-colored LED and LED control input.
- Internal buzzer.
- PC software and programming adapter (MD-08B) for easy configuration of the unit.
- Comes with mounting template for easier installation.
- Water-resistant with epoxy potting (IP65) suitable for indoor and outdoor applications.

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	5 to 16 VDC from a regulated power supply
• Input Current:	Standby: 60 mA @ 12 VDC Max: 100 mA @ 12 VDC
• Tamper Output:	Open collector, active low, max. sink current is 16 mA
OPERATIONAL CHARACTERISTICS	
• Inputs:	Programmable LED Control / Buzzer control Input, N.O, Dry Contact
• Indicators:	Bi-Colored LED indicators
• Output Format:	Programmable multi-format: Wiegand 26-bits w/site code, Fixed 26-bits, 32 bits, 32 bits reversed, 34 bits, 40 bits and Clock & Data.
• Built-In Proximity Reader:	Max. read range: 1.77" (45 mm) Operating Frequency: 13.56 MHz Compatible Cards: Mifare® Compatible ISO-14443A
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Water resistant, suitable for outdoor use (meets IP65)
• Operating Temperature:	-25°F to 145°F (-31°C to 63°C)
• Operating Humidity:	0% to 95% (Non-Condensing) Suitable for outdoor use. (IP 65)
MECHANICAL CHARACTERISTICS	
• Dimensions: H x W x D	4.72 x 3 x 0.966 inch (120 x 76 x 22 mm)
• Weight:	0.926 lbs (420g)

System Components

The AY-Q6250 is compatible with a variety of Rosslare's controllers (AC-225, AC-215, AC-115 etc.) as well as with many third party systems, and is compatible with Rosslare's AT-T511, AT-T521 & AT-T531 Ultralight (64 bytes), 1K and 4K Mifare® cards.



Additional Information

The AY-Q6250 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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