

AY-W6250

Mifare® Contactless Smartcard Reader

The new AY-W6250 is a Mifare® Smartcard Contactless reader with a new, elegant design, 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.

The AY-W6250 is fully potted, sealed and made of rigid, UV resistant poly-carbonate, which make it highly suitable for outdoor use. With its maximum range of 7cm, it makes a very simple, reliable and cost effective way to upgrade your system to Smartcard standard.

General Description

The affordably priced AY-W6250 reader is a contactless Serial ID Only reader that functions by reading the Mifare® ID Format Protocol via a variety of 13.56 MHz cards and tags.

Backed by Rosslare's International Lifetime Warranty, the adaptable AY-W6250 is the answer for global companies seeking a uniform reader compatible with differing international mounting standards.

Being completely waterproof, the durable reader can withstand harsh weather conditions and tampering.



Main Features

- Incorporates the ISO-14443A (Mifare®) ID Format Protocol
- Reads range of up to 70 mm (2.8")
- 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
- Made from tough Polycarbonate plastic for improved performance in all weather conditions

PROFESSIONAL GRADE FEATURES

- Optical tamper sensor 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
- Weather-Resistant

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	5 to 16 VDC from a regulated power supply
• Input Current:	Standby: 110 mA @ 12 VDC Max: 165 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:	Tri-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: 2.76" (70 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	4.9 x 3.3 x 1.2 inch (125 x 83 x 29.5 mm)
• Weight:	0.51 lbs (231g)

System Components

The AY-W6250 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 and tags.



AC-115



AC-215



AC-225

Additional Information

The AY-W6250 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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