

AY-J12C

Mini Mullion Proximity Reader



Entrypass's AY-J12c is a powerful RFID proximity card reader of 125 KHz cards and tags, featuring Wiegand 26-Bit output format and a read range of up to 100 mm (3.94 inches). With a sleek design and a tough, UV-resistant and water-resistant casing, the AY-J12C is equally suited to indoor and outdoor use, and is both economical and reliable.

The AY-J12C is certified for compliance with all leading International Safety and Access Control standards.



www.entrypass.net

AY-J12C

Mini Mullion Proximity Reader

General Description

The AY-J12C with Wiegand 26-Bit output format reads RFID 125 KHz ASK-type EM cards from a range of up to 100 mm (4")*.

Designed for 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-J12C is crafted to the highest manufacturing standards out of the finest materials.

Feature Highlight

- Wiegand 26 Bit output format
- Excellent RFID card read range up to 100 mm (4").
- Wide range operating voltage: 5 to 16 VDC.
- 60 cm (23.6") shielded interface cable.

PROFESSIONAL GRADE FEATURES

- RF Modulation: ASK at 125 kHz.
- Internal buzzer.
- LED color control input.
- Optical wall tamper detection.
- Water-resistant with epoxy potting (IP65) suitable for indoor and outdoor applications.
- Made of tough polycarbonate UV-resistant plastic.
- Comes with mounting template for easier installation.

Technical Specification

Electrical

Characteristics

Operating Voltage Range	5-16 VDC, from a regulated power supply.
Input Current @ 12V	Standby: 60mA Maximum: 120mA
LED Control	Dry Contact, N.O.
Proximity	Maximum read range*: 100mm (4") Modulation: ASK at 125 kHz Compatible cards: All 26-Bit EM Cards
Tamper	Open collector, active low, max. sink current 16 mA

Operational

Characteristics

Output Format	Wiegand 26 Bits
Audio/Visual	Tri-colored LED indicator, Buzzer Control
Design	Epoxy potted, fully sealed in a rugged polycarbonate enclosure. Suitable for harsh environments

Environmental

Characteristics

Operating Environment	Water resistant, suitable for outdoor use (IP65 rated)
Operating Temperature	-31°C to 63°C (-25°F to 145°F)
Operating Humidity	0 to 95% (non-condensing)
RFI Protection	> 20 V/m up to 1000 MHz

Physical

Characteristics

Dimensions	120mm x 42.5mm x 14mm (4.7" x 1.7" x 0.6")
Weight	88.5g (0.195 lbs)

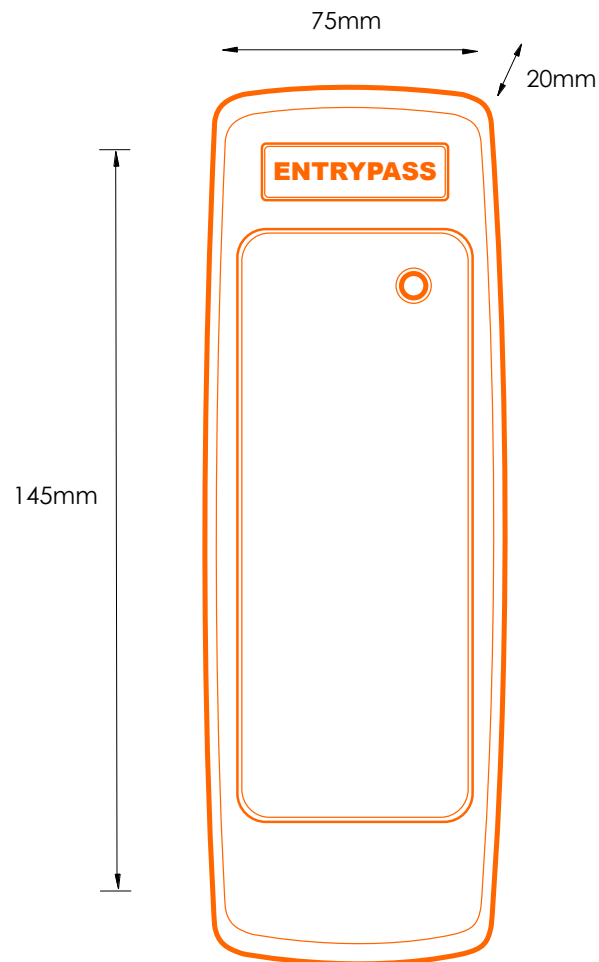
Ordering Information

RD.AY-J12C

AY-J12C

Mini Mullion
Proximity Reader

Product Picture



www.entrypass.net

Malaysia

No. 40, Jalan TPP 1/10, Taman
Industri Puchong, Batu 12 Jalan
Puchong, 47160 Puchong
Selangor Darul Ehsan, Malaysia.
Tel : +603 8068 1929
Fax : +603 8062 6937
Email : info@entrypass.net

Singapore

No. 1, UBI View, #03-03, Focus
ONE Building, Singapore 408555.
Tel : +65- 6841 7242
Fax : +65- 6841 3937
Email : info@entrypass.net

Indonesia

Rukan Puri Mutiara,
Block BF No.17, Jln Griya Utama,
Sunter Agung, Jakarta Utara,
14350, Indonesia.
Tel : +62 21 2937 6098
Email : indonesia@entrypass.net