

# 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.

## 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 Bi-color LED indicator,  
Built-in sounder

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

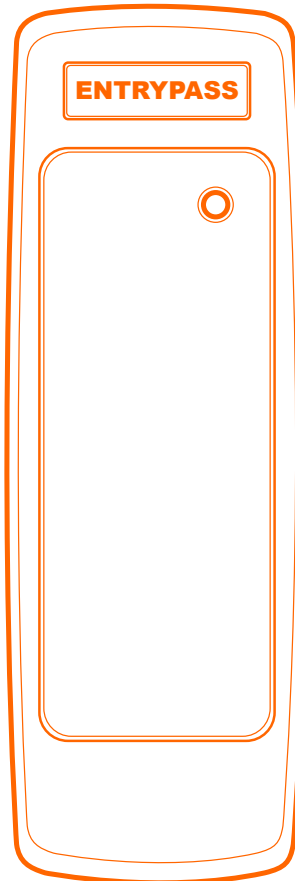
#### Characteristics

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



[www.entrypass.net](http://www.entrypass.net)

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