

## ARD-AYK12 Card reader, EM, mini mullion



The ARD-AYK12 RFID proximity reader is a very small and non-contact access control reader. The reader operates through a Wiegand interface. It is suitable for wall mounting and supports EM cards.

A multicolored LED and a beeper give clear feedback to the user during operation.

The reader is IP 65 rated and appropriate for indoor and outdoor uses.

### Regulatory information

Region	Regulatory compliance/quality marks	
USA	UL294	
USA	FCC	Part 15B

Region	Regulatory compliance/quality marks	
Europe	CE	

### Installation/configuration notes

The reader has a pigtail for connection.

### Parts included

Quantity	Component
1	Reader
1	Quick installation guide
1	Drilling template

- ▶ Dual color LED
- ▶ Mini mullion reader
- ▶ Wiegand interface
- ▶ EM credential technology
- ▶ Indoor and outdoor use

Quantity	Component
1	Additional Torx security screw
1	Torx angle wrench

### Technical specifications

#### Connectivity

Reader interfaces	Wiegand
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#### Electrical

Operating voltage (VDC)	5 VDC – 16 VDC
Power consumption VAC (VA) (typical – maximum)	0.7 VA – 1.4 VA

#### Environmental

Operating temperature (°C)	-31 °C – 63 °C
Operating temperature (°F)	-25 °F – 145 °F
Usage	Indoor; Outdoor
IP rating	IP65

#### Mechanical

Dimensions (H x W x D) (mm)	80 mm x 40 mm x 13 mm
Dimensions (H x W x D) (in)	3.15 in x 1.57 in x 0.50 in

Color	Black
Material	Polycarbonate
Mounting type	Flush-mounted
Weight (g)	70.50 g
Weight (lb)	0.16 lb

### Operation

Audible indication	Yes
Credential type	Cards/keyfobs/tokens
Keypad	No
Optical indication	LED
Software compatibility	Building Integration System; Access Management System
Wireless transmission frequency	125 kHz
Reading format	EM 4102
Read range (cm)	0 cm – 8 cm
Read range (in)	0 in – 3.15 in

### Ordering information

#### ARD-AYK12 Card reader, EM, mini mullion

Access control card reader with Wiegand output for 125 kHz card technology (EM).

Order number **ARD-AYK12 | F.01U.075.408**

### Accessories

#### ACA-ATR13 Adhesive tag, EM, 25pcs

125 kHz proximity read-only tag for Wiegand readers type W 3. Packing information: 25 tags/ each unit

Order number **ACA-ATR13 | F.01U.075.419**

#### ACD-ATR11ISO Card, EM, 25pcs

Standard 125 kHz proximity read-only card for Wiegand readers type W 3. Packing information: 25 cards/ each unit

Order number **ACD-ATR11ISO | F.01U.075.414**

#### ACD-ATR14CS Clamshell card, EM, 25pcs

Clamshell standard 125 kHz proximity read-only card for Wiegand readers type W 3. Packing information: 25 clam shell cards/ each unit

Order number **ACD-ATR14CS | F.01U.075.415**

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