



ARD-AYCE65B - RFID with keypad



- ▶ Ultra slim flush mounting design
- ▶ Piezoelectric keypad for PIN code entry
- ▶ Reader with beeper and multicolored LED display
- ▶ Programmable transmission formats and codes
- ▶ Wiegand output for EM
- ▶ Weather and vandal resistant

Certifications and Approvals

USA: UL 294 & FCC Part 15B

Europe: CE

Installation/Configuration Notes

The ARD-AYCE65B is supplied with an 60 inch (150 cm) pigtail. The table below shows how to wire the reader to the controller.

COLOR	WIEGAND OUTPUT
Red	DC + Input
Black	Ground
White	Data 1
Green	Data 0
Brown	LED Control
Purple	Tamper

When using a separate power supply for the reader, this supply and the cable shield wire on the reader should be attached to an earth ground (best) or signal ground connection at the panel or power supply end of the cable.

Technical Specifications

Electrical Characteristics

Power supply type	Linear type recommended
Operating voltage range	5 – 16 VDC
Maximum input current	Standby: 92 mA @ 12 V DC Read: 105 mA @ 16 V DC
Tamper output	Open collector, active low, max. sink current 30 mA
RF modulation	ASK

Ranges

Max. cable distance to controller	500 ft. (150 m) using 18AWG cable
Operating temperature range	-22°F to 150 °F (-30 °C to 65 °C)
Operating humidity	0 to 95% (non condensing)
Environment class	IP 68
Read range *	1.575 inch (40 mm)
Dimensions (H x W x D)	6.1 x 1.73 x 0.354 inch (155 x 44 x 9 mm)
Weight	0.315 lb (143 g)

* The reading range depends on card type, electrical environment, and/or proximity to metal.

Ordering Information**ARD-AYCE65B - RFID with keypad**

Slim access control card reader with piezo-electric keypad and Wiegand output for 125 kHz card technology (EM).

ARD-AYCE65B**Accessories****ACD-ATR11ISO - RFID Card**

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

ACD-ATR11ISO**ACD-ATR14CS - RFID Card**

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

ACD-ATR14CS**ACA-ATR13 - RFID Tag**

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

ACA-ATR13

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