

PAR-EMH10 Silver Outdoor

User manual



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Content

1. Product overview	3
2. Installation	4
3. Wiring	5
4. Programming.....	6
4.1. Set Wiegand Format for EM Cards	6
4.2. Set Wiegand Format for Mifare Cards.....	6
5. Function table sheet	7
Contacts:	8

1. Product overview



Fig.1. PAR-EMH10 Silver Outdoor

The Partizan PAR-EMH10 Silver Outdoor is a rugged card reader built for controlling access at entrances exposed to weather and heavy use. Its solid metal housing is fully sealed against dust and moisture, allowing it to be mounted outdoors — on gates, building entrances, or industrial sites — without additional protection.

The reader recognizes several common card types, so it fits easily into existing access control systems without requiring specific cards or extra hardware. It performs reliably even in extreme temperatures, from harsh winters to hot summers, making it a durable choice for year-round outdoor use.

Compact and easy to install, the PAR-EMH10 combines durability with straightforward integration, offering a dependable entry-control solution backed by a 3-year warranty.

2. Installation

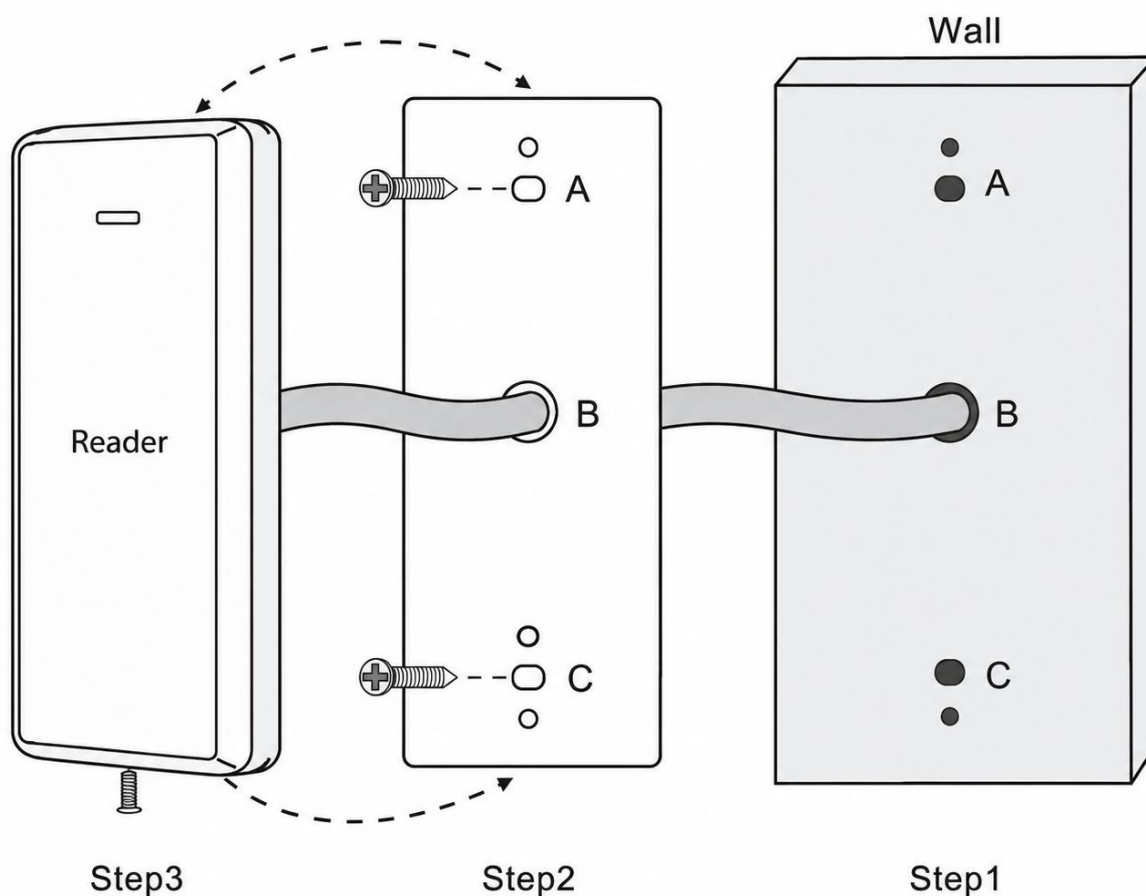


Fig.2. Installation

Installation Steps:

Step 1 — Prepare the wall mount

Drill the mounting holes into the wall and secure the anchor points (A, B, C). Route the connection cable through point B before proceeding.

Step 2 — Attach the mounting plate

Fix the mounting plate to the wall using the screws at points A and C. Ensure the cable passes through opening B and is accessible for connection to the reader.

Step 3 — Mount the reader

Connect the reader to the cable coming through the mounting plate, then attach the reader to the plate. Secure it in place using the bottom mounting screw.

3. Wiring

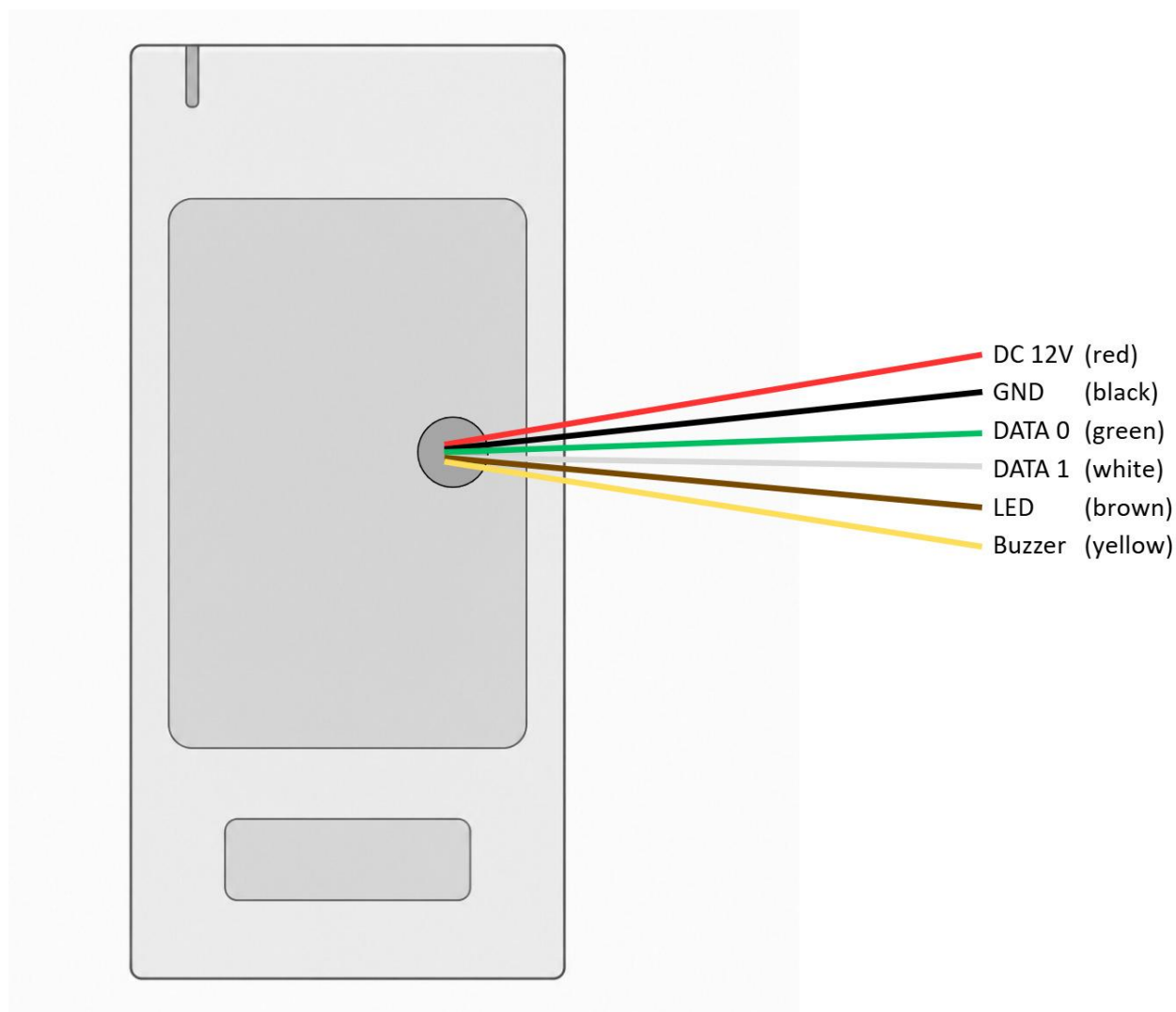


Fig.3. Wiring diagram

Colour	Function	Notes
Red	Power	+DC (9-18V DC)
Black	GND	Ground
Green	DATA 0	Data 0
White	DATA 1	Data
Brown	LED	Green LED light control
Yellow	Buzzer	Buzzer control

4. Programming

4.1. Set Wiegand Format for EM Cards

- Power off, connect the Yellow Wire to GND and power on.
- Hear 1 beep, disconnect the yellow wire, Wiegand output will be 26 bits.
- Hear 2 beeps, disconnect the yellow wire, Wiegand output will be 34 bits.
- Hear 3 beeps, disconnect the yellow wire, Wiegand output will be 44 bits.

Note: After disconnecting the yellow wire, there will be one more beep, meaning the programming was successful.

4.2. Set Wiegand Format for Mifare Cards

- Power off, connect the Brown Wire to GND and power on.
- Hear 1 beep, disconnect the brown wire, Wiegand output will be 26 bits.
- Hear 2 beeps, disconnect the brown wire, Wiegand output will be 32 bits.
- Hear 3 beeps, disconnect the brown wire, Wiegand output will be 34 bits.
- Hear 4 beeps, disconnect the brown wire, Wiegand output will be 58 bits.
- Hear 5 beeps, disconnect the brown wire, Wiegand output will be 34 bits/58 bits
- (Read 4-byte card output WG34, 7-byte card output WG58)

Note: After disconnecting the brown wire, there will be one more beep, meaning the programming was successful.

5. Function table sheet

Function	Description
Read Card	The LED light will turn green, and the buzzer sounds a beep; at the same time, the reader outputs the Wiegand signal.
External LED Control	When the input voltage for LED is low, the LED will turn green.
External Buzzer Control	When the input voltage for Buzzer is low, the buzzer will sound.
Wiegand Data Output	The Wiegand output is 26–58 bits.

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