

PAR-E1 Black

User manual



BE DIFFERENT
LEAD WITH IT

Content

1. Product overview.....	3
2. Installation and operation.....	4
3. Wire diagram	5
Contacts:	6

1. Product overview



Fig.1. PAR-E1 Black

This device is an access control card reader operating in reader mode with the 125 kHz EM4100 RF standard for credential recognition. It provides a Wiegand 26 output for integration with a compatible access controller and includes external LED and buzzer control inputs, allowing the connected controller to indicate access events through the reader's built-in LED and buzzer.

2. Installation and operation

Mount the reader near the access point, using the mounting holes on the back of the housing, and connect the cable according to the Wire Assignments table in Section 3. Keep the unit within its stated operating temperature and humidity range.

2.1. Connecting to the access controller

Connect the Red and Black wires to a 12V DC power supply, and the Green (Data 0) and White (Data 1) wires to the corresponding Wiegand inputs of the access controller. Once powered on, the reader transmits the card data of any presented 125 kHz EM4100 card to the controller via the Wiegand 26 output; the controller is responsible for evaluating access rights.

2.2. External LED and buzzer control

The Blue (LED) and Yellow (Buzzer) wires can be connected to the access controller's output terminals, allowing the controller to trigger the reader's built-in LED and buzzer to indicate access events, independently of the card reading function.

3. Wire diagram

Colour	Function
Red	12V DC
Black	GND
Green	Data 0
White	Data 1
Blue	LED
Yellow	Buzzer

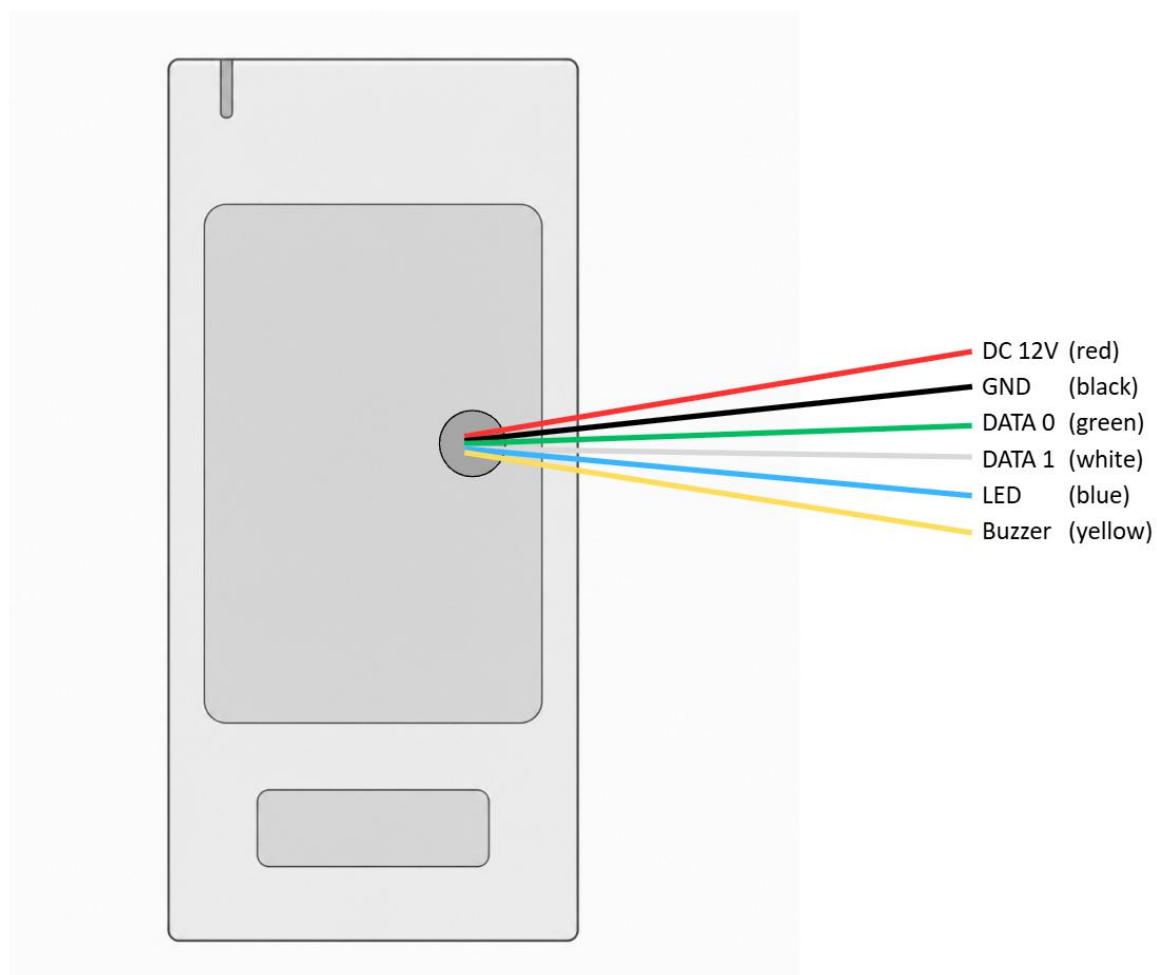


Fig.2. Wiring diagram

Contacts:

WhatsApp: +420 777 054 888

Email: support@partizan.global

Telegram: https://t.me/PartizanSupport_bot