

# Proximity RFID Card Reader Manual

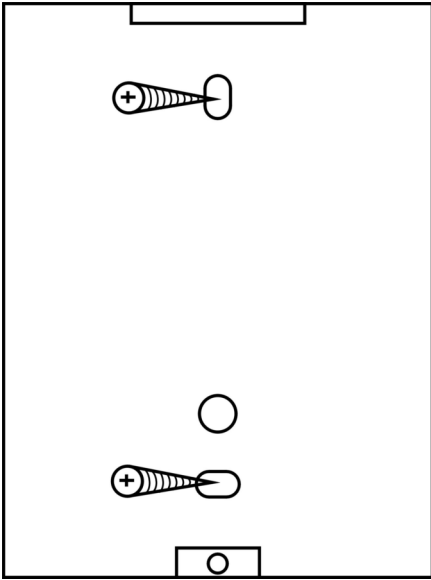
## RF002/RF003

### 1.Specifications

|                        |                                    |
|------------------------|------------------------------------|
| Operating Voltage      | 9-16V DC                           |
| Output                 | WG 26/WG34 ( RS485,RS232 optional) |
| Card type              | EM,Mifare,HID                      |
| Reading Distance       | 5~10 cm                            |
| Communication Distance | 100M                               |
| Idle Current           | <80mA                              |
| Operating Temperature  | -45℃~50℃                           |
| Waterproof             | IP68                               |
| Dimension RF002        | 110*50*18 mm                       |
| Dimension RF003        | 110*86*18 mm                       |

### 2.Installation

- Remove the back cover from the keypad using the "+" type screw driver
- Drill 2 holes on the wall for the Self tapping screws and 1 hole for the cable
- Fix the back cover firmly on the wall with 2 Self tapping screws
- Thread the cable through the cable hole
- Attach the front cover to the back cover.



### 3.Wiring

| Wire No. | Function | Color  | Description                    |
|----------|----------|--------|--------------------------------|
| 1        | LED      | Blue   | Connect with controller LED    |
| 2        | Beeper   | Yellow | Connect with controller beeper |
| 3        | D0       | Green  | WG output line D0              |
| 4        | D1       | White  | WG output line D1              |
| 5        | +12V     | Red    | Power supply +12V              |
| 6        | GND      | Black  | Power supply -12V              |

### 4.Wiring Diagram

