



**NAC-8001AR**  
**IP68 WATERPROOF RFID**  
**ACCESS READER**  
**User Manual**



[www.nordencommunication.com](http://www.nordencommunication.com)

## 1. Features

- Ultra-low power consumption : Standby current less than 30mA
- Transmit format : WG26/WG34
- Fast Searching speed : Time is less than 0.1S between reading card and opening the door

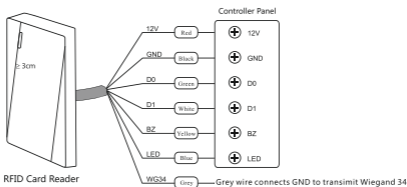
## 2. Specification

Card Type: EM/MF	Waterproof Degree: IP68
Operating Voltage: DC9-12V	Standby Current: ≤30mA
Reading Distance: 2-5CM	Operating Humidity : -45°C ~ 60°C
Operating Humidity :10% -90 % RH	Searching Speed : Less than 0.1 S between reading card and opening the door

## 3. Wiring

Wire No.	Function	Color	Description
1	LED	Blue	Connect controller LED
2	Beeper	Yellow	Connect 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
7	WG34	Grey	Grey wire connects GND to transmit Wiegand 34 output format

## 4. Wiring Diagram



### Warm Tips:

- Please don't repair device by yourselves. any issues, please notify supplier
- Before installation, if you want to punch holes, please carefully check the black line or line pipe to avoid unnecessary trouble such as breaking the black line when drilling. Use safety glasses when drilling or fixing the wire clips
- If upgraded, please forgive us without notice