Metal Keypad RFID Card Reader
RF004

Please read the manual carefully before use RF004

1.Features

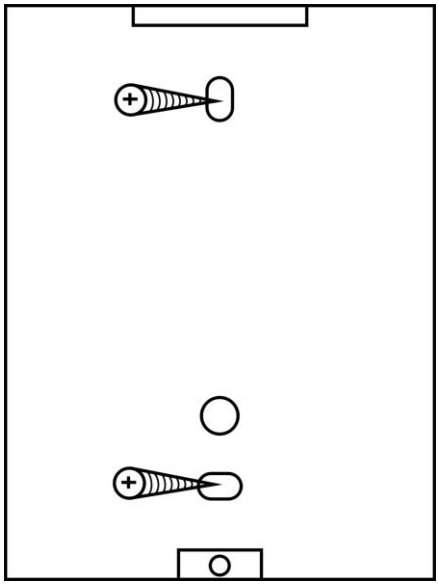
- Strong Zinc Alloy Electroplated anti-vandal case
- Very low power consumption,standby current less than 80mA
- Backlight keys
- Card transmission format : Wg26
- RS485,RS232 optional
- Keypad transmission format: 4bit
- Built-in Buzzer
- Doorbell button can offer independent operation of any doorbell system

2.Specifications

Operating Voltage	9-16V DC
Card type	EM,Mifare
Reading Distance	3-6 cm
Communication Distance	100M
Idle Current	<80mA
Operating Temperature	-45℃～60℃
Operating Humidity	10%- 90% RH
Waterproof	Conforms to IP68
Dimension	120*80*25 MM

3.Installation

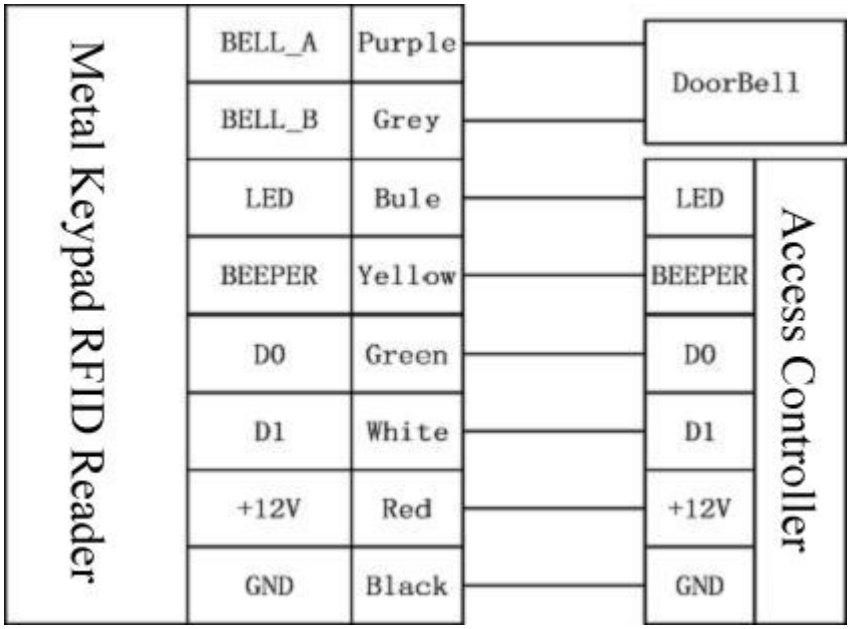
- Remove the back cover from the keypad using the supplied special screw driver
- Drill 2 holes on the wall for the Self tapping screws and I hole for the cable
- Put the supplied rubber bungs to into the two holes
- Fix the back cover firmly on the wall with 2 Self tapping screws
- Thread the cable through the cable hole, connect the wire needed, wrap unused wire with insulating tape in case of short circuit
- Attach the keypad to the back cover.



4.Wiring

Wire No.	Function	Color	Description
1	BELL-A	Purple	Doorbell button one end
2	BELL-B	Grey	Doorbell button to the other end
3	LED	Blue	Connect controller LED
4	Beeper	Yellow	Connect controller beeper
5	D0	Green	WG output line D0
6	D1	White	WG output line D1
7	+12V	Red	Power supply +12V
8	GND	Black	Power supply -12V

5.Wiring Diagram



6 Packing List

Name	Quantity	Remarks
RF004	1	
User manual	1	
Screw driver	1	Φ20mm×60mm,Special for keypad
Rubber plug	2	Φ6mm×30 mm, used for fixing
Self tapping screws	2	Φ4mm×28 mm, used for fixing

Please ensure that all the above contents are correct. If any are missing,

please notify the supplier of RF004