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Users Manual for RFID Card Reader

Specification：

Working Voltage： DC 9V-16V
Static Current：≤80mA
Reading Range：5～10CM
Support EM-ID
Ambient Temperature： -10℃～50℃
Ambient Humidity：10%～90%
International Standard Wiegand Interface
Small than 100M Communication Distance

Installation：

Using "+"type screw driver to loosen the screw between the panel and motherboard. And then embed the motherboard to the side wall with the plastic plug and screws.

Wire Connection：

WG26/34	RS485	RS232
Red： DC 9V-16V	Red： DC 9V-16V	Red： DC 9V-16V
Black：GND	Black：GND	Black：GND
Green：D0	Green：4R+	Green：RX
White：D1	White： 4R-	White：TX
Blue： LED		
Yellow：BEEP		
gray :Door Bell		
purple: Door Bell		

Notice!

1. Confirm the electric voltage (DC12V) and differentiate positive anode and cathode of power supply
2. When external Power is used, make sure sharing the power with Controller Box or using the same GND
3. The wire connects reader to controller, advise use 8 cores stranded twisted pair cable(among them, three strands are spare, if no need reader show illegal card s by sound and light, LED wire can not be used, data wire Data1 Data0 are twisted pair would be better, we suggest sectional area are 0.22 square millimeter at least. The length should not exceed 100meters.