



Users Manual

RFID Card Reader

Specifications:

Working Voltage: DC 12V

Static Current: $\leq 80\text{mA}$

Reading Range: 5 ~ 10 cm

Ambient Temperature: $-10^{\circ}\text{C} - 70^{\circ}\text{C}$

Ambient Humidity: 10% - 90%

Interface: Standard WG, RS485, RS232 (optional)

Communication distance: $\leq 100\text{M}$

Installation:

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

Wire Connection:

WG26/34		RS485		RS232	
Red	DC12V	Red	DC12V	Red	DC12V
Black	GND	Black	GND	Black	GND
Green	Do	Green	4R+	Green	RX
White	D1	White	4R-	White	TX
Bule	LED				
Yellow	BEEP				
Grey	Ring				
Purple	Ring				

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 which connects reader to controller, recommend use 8 cores standard twisted pair cable (among them, three strands are spare, if no need reader show illegal cards by sound and light, LED wire can not be used. it is better that data wire Data1, Data0 are twisted pair. we suggest sectional area of wire is 0.22 square millimeter at least. The length should not exceed 100 meters. Shielded wires connect to GND).