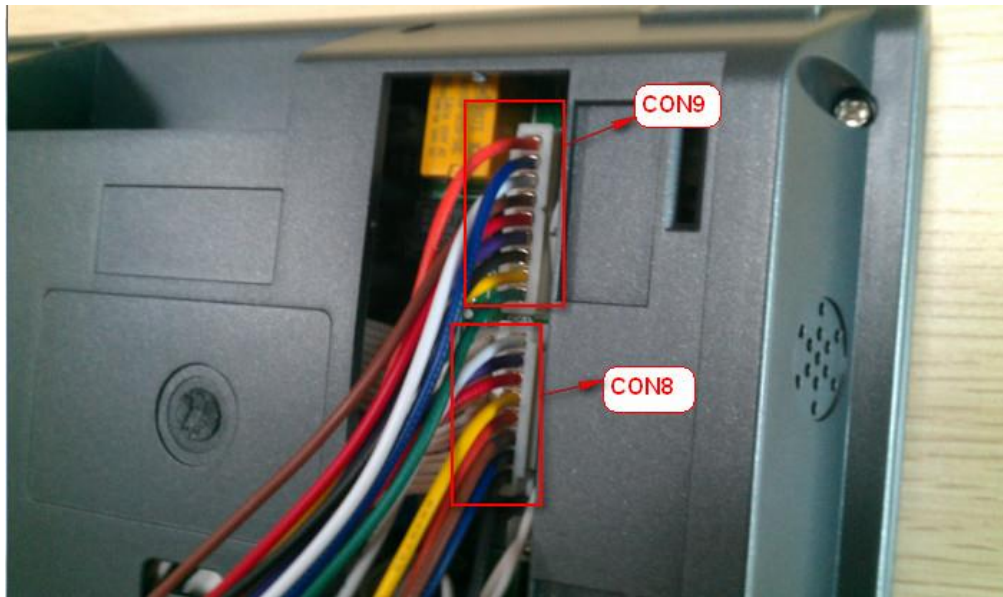


Access Control connection



CON9	Cable Color	Interface	Description
1	Orange	Lock NO	Lock Normal Open - Output
2	Blue	Lock NC	Lock Normal Closed - Output
3	White	Lock COM	Lock Power Supply - Input
4	Brown	Alarm NO	Alarm NO
5	Red	none	none
6	Purple	Alarm COM	Alarm COM
7	Black	GND	Ground
8	Yellow	Exit Button	Exit Button
9	Green	Door Sensor	Door Sensor - Input

CON8	Cable Color	Interface	Description
1	White	RS485A	Positive 485 connector
2	Purple	RS485B	Negative 485 connector
3	Red	12V	Power Supply - Input
4	Yellow	W-OUT0	Wiegand DATA0 – Output
5	Orange	W-OUT1	Wiegand DATA1 - Output
6	Brown	WGNIN0	Wiegand D0 – Input
7	Blue	WGNIN1	Wiegand D1 - Input
8	Black	GND	Ground

We could connect this Access Control device to Lock, Alarm, Exit Button, Door sensor, Wiegand sensor, wiegand controller, and 485 converter.

Refer to the following diagram:

- 1) Figure 1 is the outlook of the professional power supply for access control device, can support the lock power.



Figure 1: picture of access control power supply

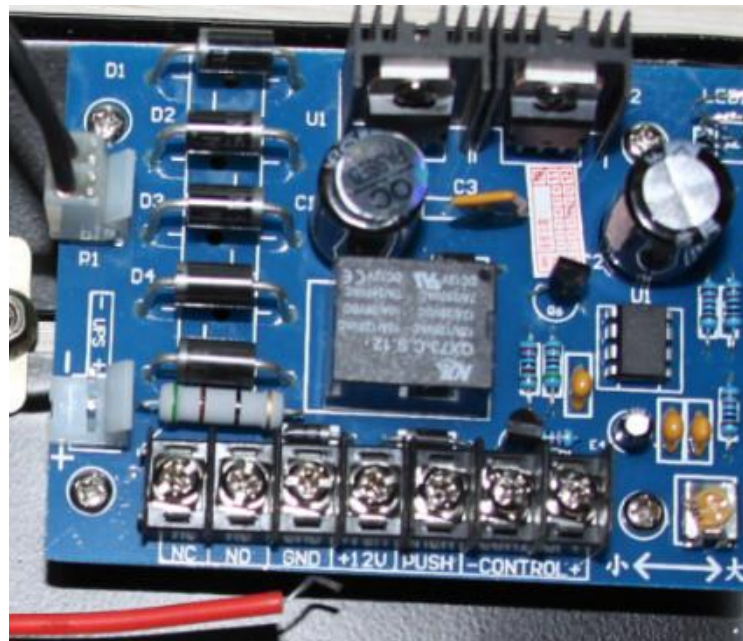
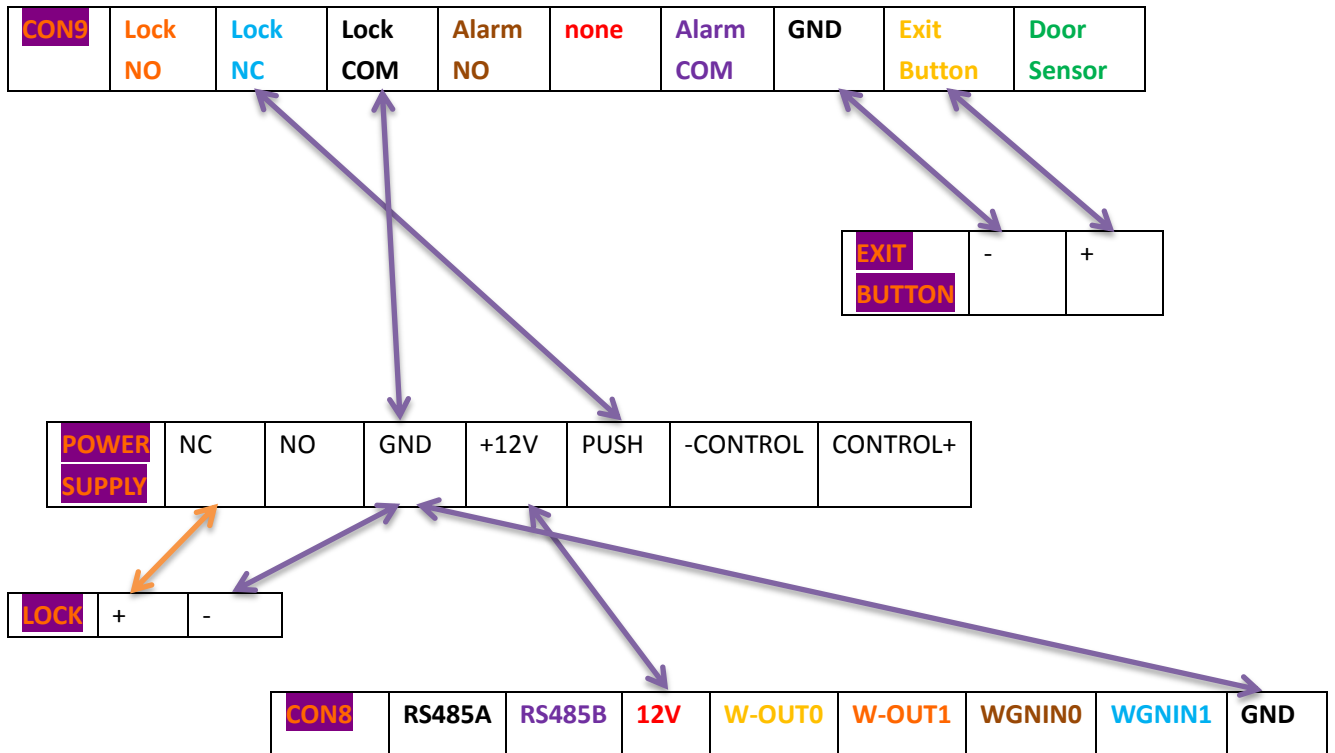


Figure 2: picture of access control power supply interfaces

NC	NO	GND	+12V	PUSH	-CONTROL	CONTROL+
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Figure 3: interface of the power supply

2) Here's the sample connection among the access control device, power supply, exit button and door lock. (CON8+CON9= access control device)

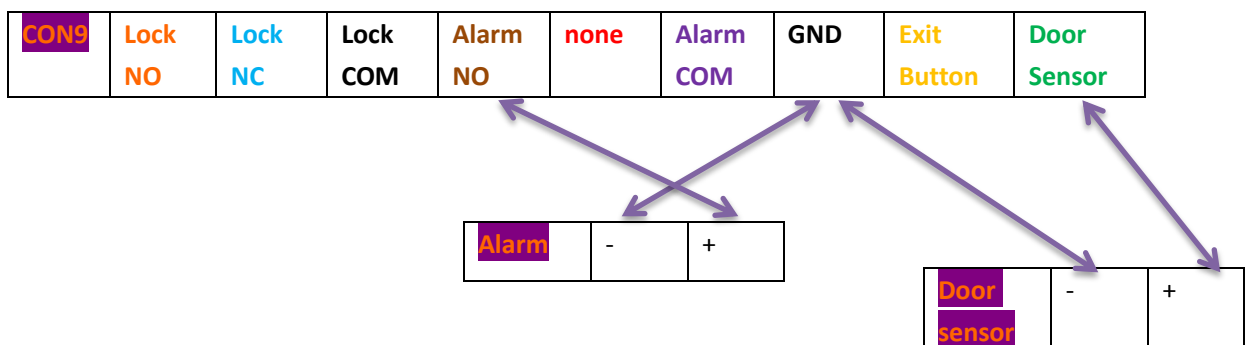


3) When you need to use the alarm function of the device, please connect the access control to the alarm and the door sensor also.

There're two connection methods for the alarm:

A: IF in this Access Control System, there's no external power supply. That means we need the Access Control Device supply power to the Alarm, here's the connection:

NOTE: when you need to use the Alarm function, please change the setting on the access control device MENU: MENU → ACS → D-Lock → Check Door Status (No → Yes), and Open Overtime alarm (No → 5s.) when the door keeps open for more than 5s, it will active the alarm.



B: IF in this Access Control System, there's a external power supply. That means we could use this external power supply to supply power to the Alarm, here's the connection:

