M7 Wiring Diagram

RS485 converter	**RS 485A**
	RS485B
Door Magnetic	**GND**
	Door_Sensor
	Alarm-
Alarm	**Alarm+**
	+12V
	GND
	WG_OUT 0
	WG_OUT 1
	GND

Access Controller

Bell-
Bell+
GND
Button

Door Bell

Lock_NC
Lock_COM
Lock_NO

+12V
GND
PUSH
NO
COM
NC

Door Access Power

Cathode lock

Bolt lock

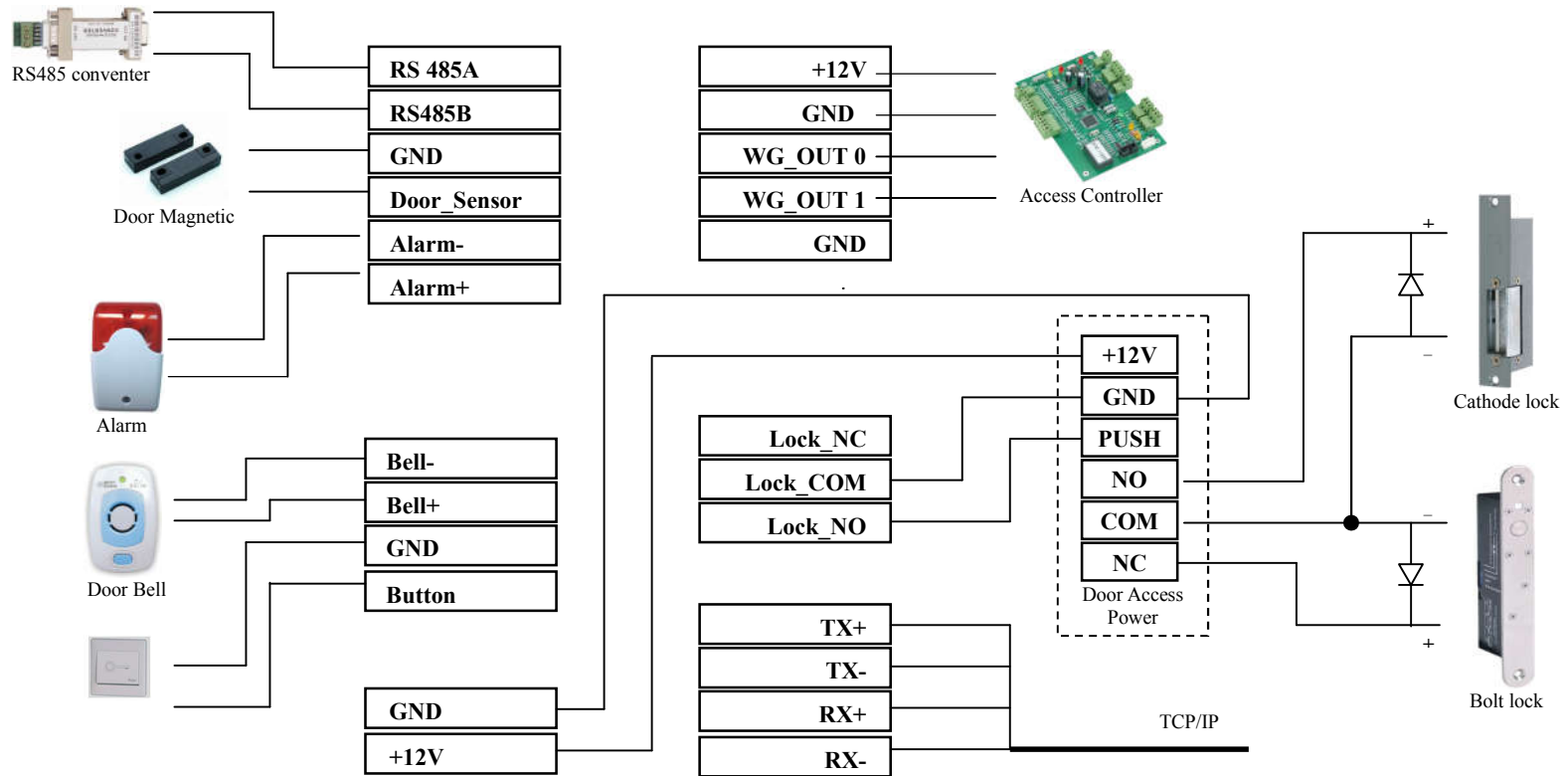| |
|---|
| **TX+** |
| **TX-** |
| **RX+** |
| **RX-** |

TCP/IP

GND
+12V

This product can instead of the card single door access machine, no need to reform；

The communication way: RS485、TCP/IP、USB flash disk and USB line, 4P port on the back of the machine is TCP/IP port；

This product can be used as single access machine, also can be used as fingerprint scanner link into the access controllor（WG26/34）；

After up gradate machine, if the port and the diagram on the back of the machine is different, please according to the newest wiring diagram；

The relay of this access control is DC24V3A, if the door access control directly connects with the lock, please pay attention to the nominal.

The alarm output port is DC 12V, it can be linked with 12V security alarm, and no need to add other power adapter.

This product also can be used to attendance administrarion, installed the fingerprint time attendance software, and link the machine and compiter with one of the communication ways.

RS485A	RS485 port positive	12V Power	Power input
RS485B	RS485port negative	GND	
GND	Land	WG_Out 0	WG output negative
Door_Sensor	Door negative input port	WG_Out 1	WG output positive
Alarm-	12V alam signal output port	Lock_NC	Lock signal NC port
Alarm+	12V alam signal output port	Lock_COM	Lock signal commen port
Bell-	Doorbell interface	Lock_NO	Lock signal NO port
Bell+	Doorbell interface		
GND		GND	
Button	button	12V Power	Power input