

Operation Instruction

M-203E Autodoor remote controller

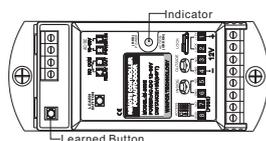
Make your choice.....



1 Security Instruction

Thanks so much for your purchasing, Please refer to the following before using.

2 Product Overview



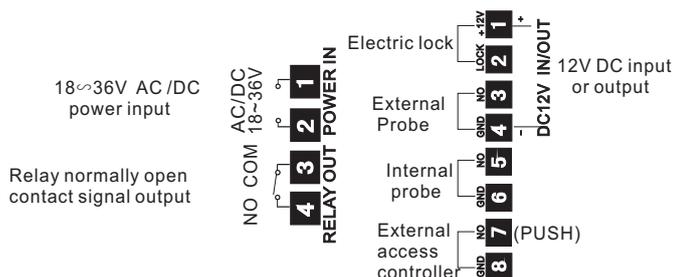
(Receiver)

- This product is with the function of self-learning code. The code of the remote transmitter must be learned from the receiver before using. Can learn up to 16 different codes.
- Learning method: Press the learned button for 1s, indicator turns green. Entering the learning state. Then press the key of the remote transmitter, the green light indicator flashes twice, learning success. Exit and return to the standby state automatically.
- Delet method: Press and hold the learning button for 5s, green light indicator is flashes, all codes will be deleted. (ench code cannot be deleted individually)
- A key(Full lock): All sensors of internal and external are invalid, and external access controller are invalid. electric lock locked automatically. All people can not enter and exit completely. Be used for preventing thieves at night or on holidays periods.
- B key(One-way): External sensor is invalid and electric lock locked automatically while external access controller and internal sener are effective. Only internal personnel can enter by card. Internal sensor is effective, people can go out, be used for offwork clearance period.
- C key(Full open): Under M state, press button to open door, after 5s door close automatically, and get back to standby mode. Press and hold button for 3s, all sensors and access controller are invalid. Autodoor keeps fully open. Temporary ventilation or emergency to use.
- D key(Two-way automatic): Internal and external sensor are effective, elctric lock is not work, used during normal business hours.

3 Overall Characteristics

- Large current electric lock output module.
- DC/AC 12V ~ 36V power input and convenient to take power from sliding door units.
- Delicate shell design, easy-to-fixed, compact and small size.
- Built-in surge absorber to prevent the return spark of electric lock.
- Remote transmitter with 4-key design, easy to carry out four kinds of automatic door working state control.
- All inductive door control signals are unified into the extpander, which outputs the contact autodoor opening signal and access control electric lock signal. With time difference setting to ensure the autodoor runs automatically.
- When switching by the remote control, with voice indicator, and the red light indicator turns green to confirm whether the switch is effective.

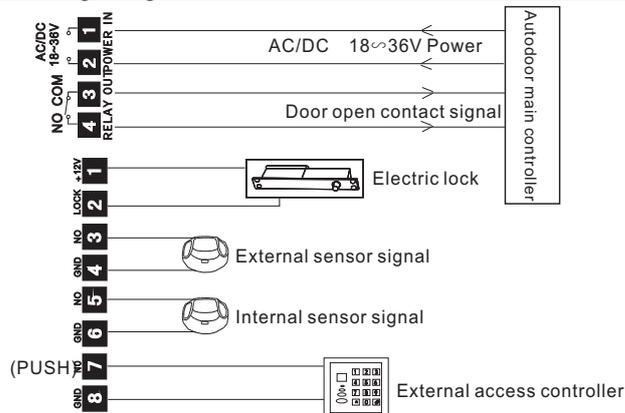
4 The definition of input and output



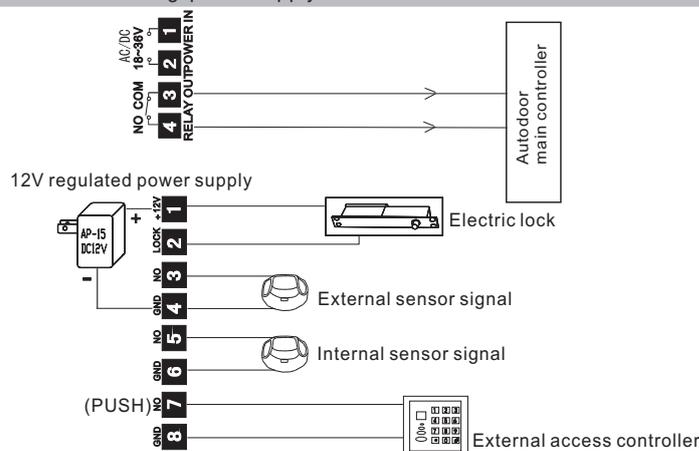
① Notes :The system is with memory function in case of power-down.

② The input signal for access controller should be passive contact signal, or input PUSH signal directly.

5 Wiring Diagram



Getting power supply of AC/DC24V from Autodoor Unit



DC12V Power Supply for Autodoor Remote Contoller

The power supply of internal and external sensor should not be taken from this expander, but connected to the terminal of the original sensor power supply of the main controller.

This machine according to the factory serial number, the warranty period is 1 year (non-human factor).

6 Specific considerations

- Specific attention to the input power supply can take from the AC/DC 12-36V of the translation automatic door unit, when the capacity is enough. If the power cannot be used directly, it needs to be equipped with another DC 12V regulated power supply.
- DC 12V power input should be connected to the 1&4 terminal of the 8 connecting terminal, as shown above.
- The actual output current of the DC regulated power must be greater than the maximum operating current of the lock, the best is greater than 1.5 times or more.
- When the built-in multifunction extender is too deeper, may make the voice of the switching is low.

7 Technical parameters

Power supply: AC/DC 12~36V
 Current of electric lock: 3A(12V)
 Static Power: 39mA
 Action current: 85mA(Non-current electric lock)
 The interval time to open lock and auto-door: 0.5s
 Professional appliance: Built-in surge absorber
 Transmitting and receiving method: Microwave self-learning code
 Remote control battery using life: ≥18000 times
 Working environment temperature: -42℃~45℃
 Working environment humidity: 10~90%RH
 Appearance dimension: 123(L)x50(W)x32(H)mm
 The total weight: 170g