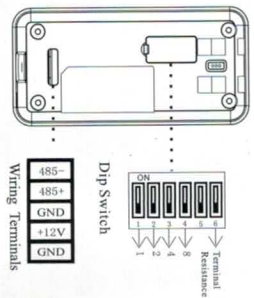


(1) Wiring Terminals of Control Panel: (As the figure 1 below)



Back View (Figure 1)

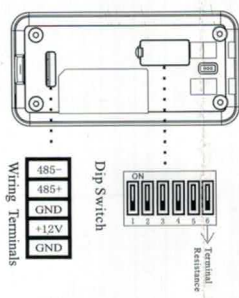
Address	Switch Setting	Address	Switch Setting
1		6	
2		7	
3		8	
4			

Dip Switch Setting (Figure 2)

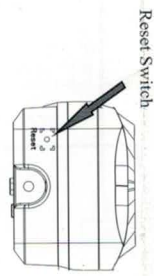
Dip Switch Setting: (As the figure 2 above)

It is adopted binary coding and little endian. Number 1-4 switches are used to set the 485 address number (device number). The address number setting by place these 4 switches are shown as the figure 2 above. Number 5 switch is idle. Number 6 switch is used to set the terminal resistance in RS485 communication. If the 485 communication wire is longer than 100 meters, it is needed to set the number 6 dip switch of the last reader to ON state, that is parallel a terminal resistance of 120 ohm between 485+ and 485-.

(2) Wiring Terminals of Access Control : (As the figure 3 below).



Back View (figure 3)



Bottom View (figure 4)

When using it, please move the dial code address "1" to the "ON" position.

(3) Reset Switch (As the figure 4 above).

If the device does not work properly because of misoperation or other abnormalities, you can use 'Reset' function to restart it.
Operation: Remove the black rubber cap, then stick the Reset button hole with a sharp tool (diameter is less than 2mm).

(4) Verification Process

Press finger or flash card on the device. When the device gets the information, it will transmit the information to the host machine, which will verify fingerprint or card. Then corresponding prompt will be given and transmitted to the device.

- ① Green light twinkle: normal standby state.
- ② Green light on, and the buzzer "Dii...": success in card or fingerprint verification.
- ③ Red light on, and the buzzer "Dii...Dii...": failure in card or fingerprint verification.
- ④ Red light on, and the buzzer "Dii...": for three time: card or fingerprint is unauthorized.
- ⑤ Red light on, and the buzzer "Dii...": for four time: communication is abnormal between reader and access control device.

4. Cautions

- (1) Power cable is connected after all the other wiring. If the device is operated abnormally, please shut down the power firstly, then make some necessary checking. Kindly remain that any hot-plugging may damage device, and it is not included in the warranty.
- (2) We recommend that use access control device power supply for the reader. Specification is equal or greater than AWG22, and the distance is less than 200 meters. If the distance is more than 200 meters, please use DC 1.5A/12V independent power supply. But to the Control Panel, We recommend that use the DC 3A/12V power supply.
- (3) Please read the terminals description carefully and wiring by rule strictly. Any damage caused by improper operations will be out of the range of our guarantee.
- (4) Keep the exposed part of wire is less than 5mm to avoid unexpected connection, and result in machinery damage.
- (5) Please connect the 'GND' before all the other wiring especially under the serious electrostatic environment, to prevent the overlarge instantaneous electrostatic to damage device.
- (6) If the distance between power supply and device is a little long, please do not use the Internet cable or other types of cable instead. When choosing the power supply cable, you should consider that the transmission distance may cause voltage attenuation.



Warning: Do not connect wires with power on!