

Fingerprint Access control Operating manual



1.Product main technical Specification

Item	Specification
Voltage	12VDC+12%/1.2A
Lock Relay	12VDC/2A
Environment temperature	working: 0℃~45℃ storage: -10℃~55℃
Relative humidity	working: 40%~90%RH
Cards Capacity	storage: 20%~90%RH
Fingerprint Capacity	1000
Pin Capacity	1000
Internal reader	Public PIN : 1
frequency	ID Model: 125KHz
Proximity Card	ID Model: EM or compatible
card reader Distance	ID Model: 5-15CM
Lock interface	Relay output or level output
Exit Button	1
doorbell	1
door Contact	1
Alarm interface	1
External Reader	1 Weigand26 interface (Only apply to certain models)

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2.factory defaults

Item	factory default
programming PIN	881,122 (recommends user modified)
Door open mode	card or Fingerprint
Private PIN	0000
unlock time	3 seconds
Anti-break Alarm	Open
Magnetic Alarm	off
Lock status	off
alarm delay	0 seconds

3.Sound and Light show

- 3.1: Normal working condition
 3.1.1. valid command: a short beep sound
 3.1.2. Invalid command: a long beep sound
 3.2. Programming mode:
 3.2.1 Green LED On
 3.2.2 valid command: beep beep two sounds
 3.2.3 invalid valid: three beeps

4.Cancel command

command have not all been completed, press the [#] key, you can cancel the command

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5.functions and settings programming

- 5.1 Enter the programming mode:
 press [#]+[6-digit pin] (default: 881,122)
 5.2 modify the programming PIN:
 Press [0] + [new 6-digit pin] + [confirm the nes 6-digit pin]
 5.3 Eroll card:
 press [4] + [3-digit index code] (2 beeps) Entering a fingerprint code, 001-999, a green light flashing input fingerprint 3 times (every one press the input fingerprint into industrial development beep and the green light flashing.
 5.3.1,3-digit index code : rang from 001----- 999 number can not be repeated. The code is an important way deleted the card after the card is lost, please save the card coded issuer properly
 5.3.2. when enrolling multiple cards, every card index code will be calculated in order. For example, card one's index code is 015, once again, card two's will be 016 ... and so on
 5.3.3 the default private pin for each card is : 0000

5.4 Delete Card:

- 5.4.1 Delete by index Card:
 press[9] + [4-digit code 1] (2beeps) + [4-digit code 2] (2beeps) + ... + [4-digit code N] (2beeps) + [#] (2beeps) complete the delete cards

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- 5.4.2. delete by presenting cards: press[9] + [proximity card 1] (beep, 2beeps) + [proximity card 2] (beep, 2beeps) + ... + [proximity card N] (beep, 2beeps) + [#] (2beeps) complete the deletion card
 5.4.3 delete all cards and fingerprints: Please restore the factory default

5.5. exit programming mode: press[#] (2beeps)

- 5.6. set up door open mode
 5.6.1. **Set up fingerprints or card and close the password to open door mode:** press [1] + [0] (2beeps) (default)
 5.6.2. **Set up fingerprints or card or general password to open door mode:** [1] + [1] (2beeps)

- 5.7. change public pin: press [3] + [4-digit pin] (default 1234)
 When the public or private pin is 0000, the pin is void in "card or pin" mode

- 5.8. change door open time: press[2]+[TT]. TT is the time interval in seconds. For example, if the door open time is 3 seconds, TT=03

- 5.9. Door contact sensor:
 5.9.1. disable door sensor : press[6]+[0]

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- 5.9.2. enable door sensor: press [6]+[1]
 5.10. Door sensor alarm:
 5.10.1 Disable alarm: press[8]+[0]
 5.10.2 enable alarm: press[8]+[1] After turning on this function, the controller will give off continuous long beep when the door is not closed after normal opening, or the door is not opened through the controller.

- 5.11. Alarm delay time:
 press [82]+[TT].
 TT is the time interval in seconds. For example, if the delay time is 3 seconds, then TT=3
 When door is locked TT seconds, if the door contact sensor is in alarm status, the controller is in alarm mode. This function should be used when the door sensor alarm is on.

6.Restore factory default: press[86] There will be 2 beeps, 3 beeps after 5 seconds, then the factory defaults are restored.

7. warning output: When has one of above the following conditions, has the warning to output

- reports to the police the AUX_IN electric potential to be low;
- anti-withdraw has the warning;
- a magnetism has the warning.

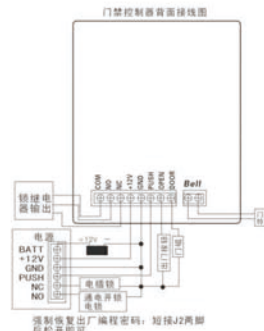
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10. frequently asked questions

Symptom	Possible wrongs and solutions
After the lock is opened, there are 8 short beeps	The controller needs higher voltage; the power supply should be checked
The card reading distance is short or card cannot be read	1. The controller puts in the metal surface, adjusts the controller position 2. The electric current insufficient supply, adjusting power source
After reading card, there are 3 beeps and lock is not open	1. It's in card +pin mode 2. [#] key is pressed wait for 5 seconds to present the card
Press[#] + [programming pin] there is long beep and cannot enter the programming mode	Other keys are pressed before pressing the [#] key, keep on pressing [#] key after long beep. Then enter the programming mode again.
press [5], there are 3 beeps	The controller has full card capacity
Press [5] + [index code] 3beeps	This code was already used, must press [5] + [3 codes] to operate
Press [5] + [index code] 2beeps + [presenting card] 3beeps under the programming mode has not operated, the controller exit programming mode	This index code is in use, select another index code. In programming mode, if there is no input in 20 seconds, the controller exits programming mode automatically

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Fingerprint Codes	User 'Name	Card Codes	User 'Name
001		001	
002		002	
003		003	



强电弱电分开，编程密码：短按2两秒后松开即可

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