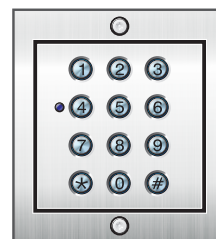


Instruction Manual

ACCESS CONTROL



**Password
access control**



**Fingerprint
access control**



**ID card
access control**


Security

Technology

Vogue

Innovation

2014-V01

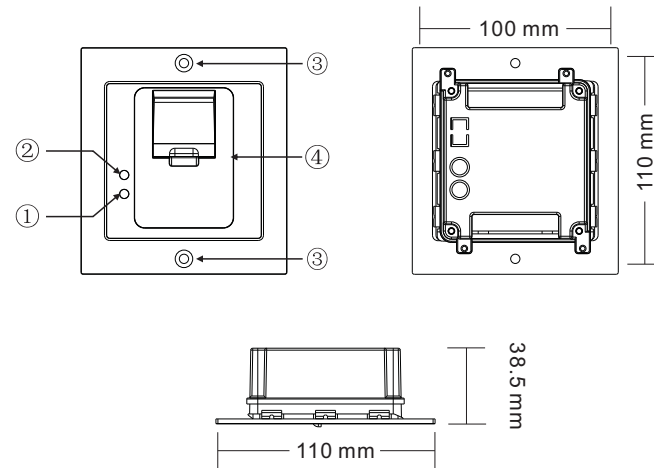
RoHS 

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Schematic plan of access control

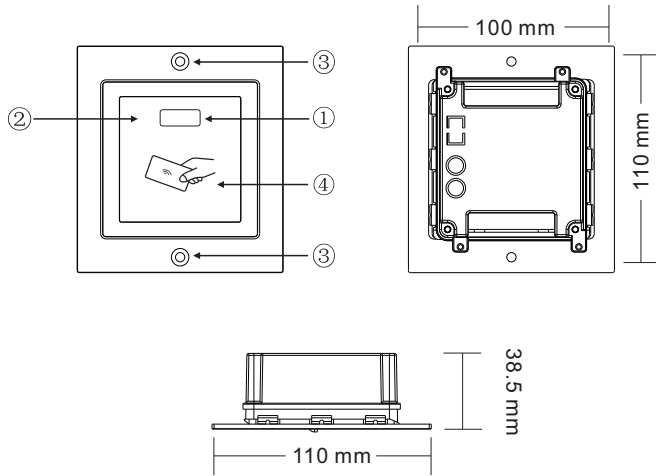
► Fingerprint access control



NO.	Description	NO.	Description
①	Mode indicator	③	Screw
②	IR receptor	④	Fingerprint sensor

Technical Parameters	
Environment temperature: -20℃~+50℃	Relative humidity: ≤95%
Operating voltage: DC/AC 12~24V	Standby current: ≤90mA
Operating current: ≤120mA	Capacity: maximum 900 fingerprints

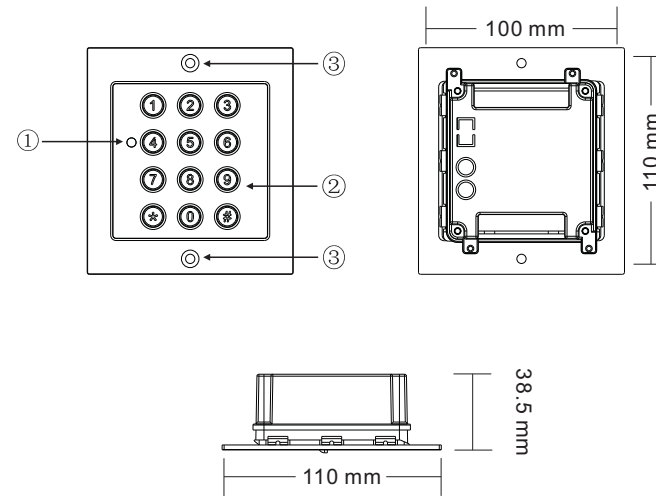
► ID card access control



NO.	Description	NO.	Description
①	Mode indicator	③	Screw
②	IR receptor	④	sensor area

Technical Parameters	
Environment temperature: -20℃~+50℃	
Relative humidity: ≤95%	Card type: ID card
Standby Current: ≤90mA	Capacity: maximum 1010 cards stored
Operating Voltage: DC/AC 12~24V	Sensor distance: ≥2cm
Operating Current: ≤120mA	Sensor time: ≤0.8 seconds

► Password access control

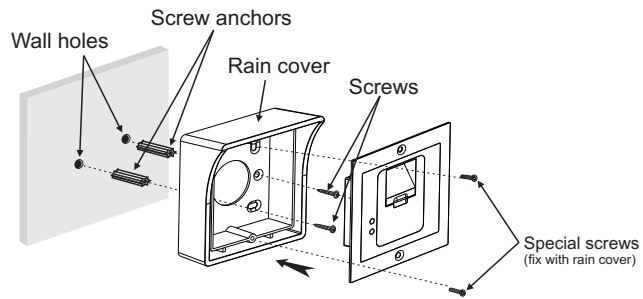


NO.	Description	NO.	Description
①	Mode indicator	③	Screw
②	Keypad area		

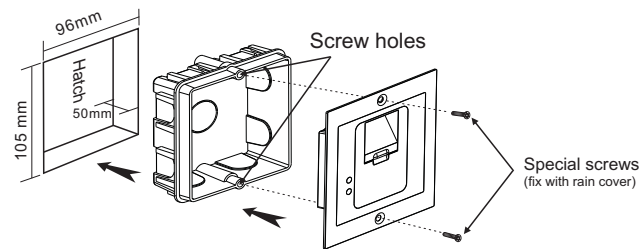
Technical Parameters	
Environment temperature: -20℃~+50℃	Relative humidity: ≤95%
Operating Voltage: DC/AC 12~24V	Standby Current: ≤20mA
Operating Current: ≤100mA	

Installation for access control

Surface mounted:



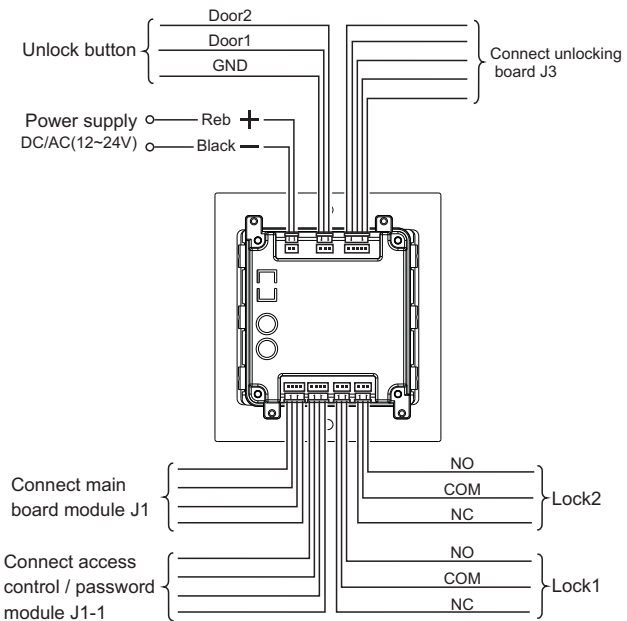
Flush mounted:



Notice: The installation instructions of password and ID card access controls are the same as the above instruction. Please refer to the above method during installing.

System wiring diagram for access control

► Fingerprint module

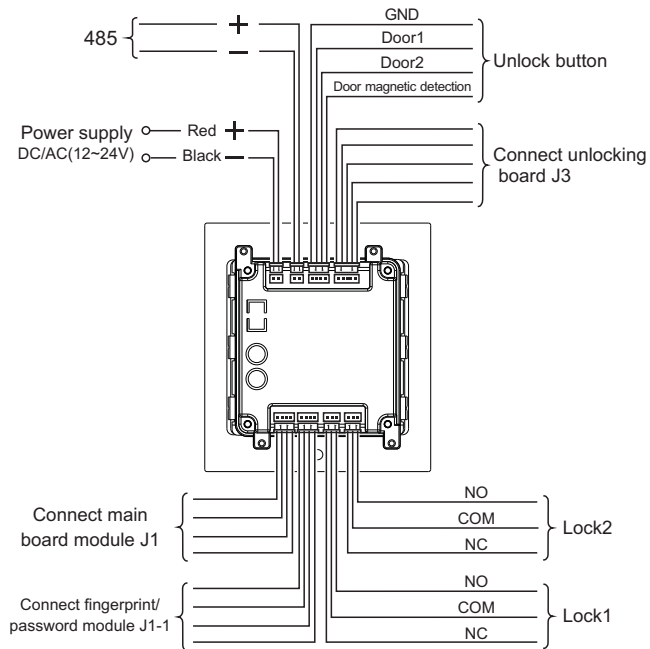


Notice:

While using with main board module, disconnect PWR and J3-1, J3-2

System wiring diagram for access control

► Card module

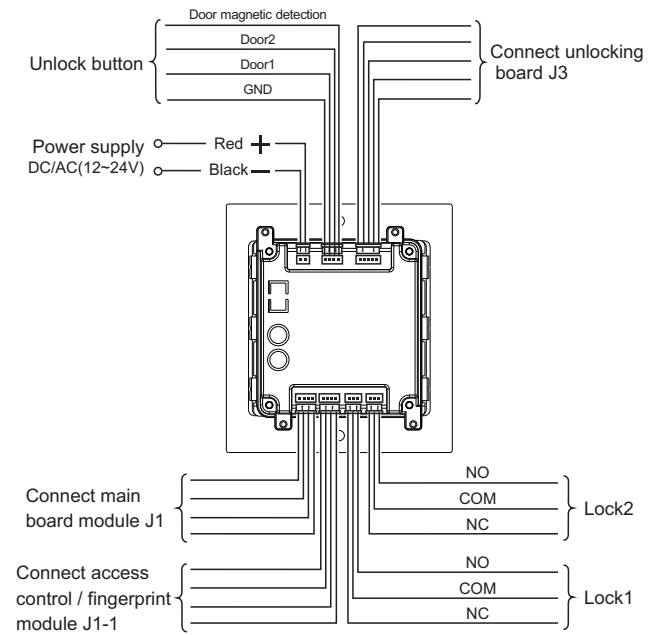


Notice:

While using with main board module, disconnect PWR and J3-1、J3-2

System wiring diagram for access control

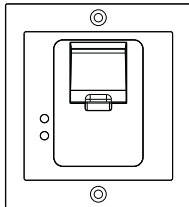
► Password module



Notice:

While using with main board module, disconnect PWR and J3-1、J3-2

Operation for fingerprint access control



Operation tips:

Fingerprint access control requires to use remote control DH11R or DH12R for program.

Enter the setting mode

Input the admin code twice (default code twice: 1234+1234), the yellow LED will be on. It is in the setting mode.
The default code is: 1234

Modify admin code

In the setting mode:

Press *3 (Yellow light blinks), and then enter a new admin code (XXXX) twice. If Bi- is heard, it means the modification is successful.

Press # to exit the setting mode.

Notice: In case forget the admin code, power on first, then press # in 3 seconds until Bi is heard. It means admin code is restored successfully as default setting.

Restore factory default

In the setting mode:

Press *8 (Yellow light blinks), and then enter 9 twice (A continuous Bi- will be heard). The factory default is restored.

Press # to exit the setting mode.

Set the unlocking time for Zone 1

In the setting mode:

Press *1 (Yellow light blinks), and then enter 2-digit number from 01 to 99 (Bi- is heard, and yellow light stops blinking). This 2-digit number is the unlocking time. For example, enter 05 means the unlocking time is 5 seconds.

Press # to exit the setting mode.

Set the unlocking time for Zone 2

In the setting mode:

Press *6 (Yellow light blinks), and then enter 2-digit number from 01 to 99 (Bi- is heard, and yellow light stops blinking). This 2-digit number is the unlocking time. For example, enter 05 means the unlocking time is 5 seconds.

Press # to exit the setting mode.

Set security level(Factory default is level 3)

In the setting mode:

Press *5 (Yellow light blinks), and then enter security level number twice (Parameter range is 1, 2, 3, 4, 5. The higher number indicates the higher accuracy of fingerprint recognition). If Bi- is heard, it indicates the setting is successful. If Bi Bi Bi are heard, it indicates the setting fails.

Press # to exit the setting mode.

Add fingerprints

In the setting mode:

Press 000-899 (Yellow light blinks. If red light is on, it indicates the position is occupied. Press * twice to delete the information in this position and then add the fingerprint. If green light is on, it indicates the position is vacant. Fingerprint can be added.) + put the finger on the scanner until a Bi sound is heard. Then another Bi and Bi will be heard. It indicates the addition is successful. If BiBiBi are heard, it indicates the addition fails. If BiBiBiBi are heard, it indicates the fingerprint exists.

Press # to exit the setting mode.

Notice:

Maximum 900 fingerprints. Zone 1: 000-799; Zone 2: 800-899.

Delete the fingerprint

In the setting mode:

Delete one fingerprint: press 000-899, then press * twice to delete the fingerprint in 000-899. If light turns green means the deletion is successful.

Delete all fingerprints: press * (Yellow light blinks), and then enter # twice (A continuous Bi - will be heard). The deletion is successful.

Press # to exit the setting mode.

! Notice

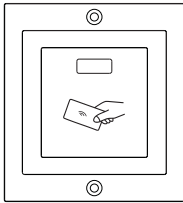
Indication light prompt:

Door indicator



- A: Zone 1 door open, green light is on.
- B: Zone 2 door open, yellow light is on.

Operation for ID card access control



Operation tips:

1. ID card access control requires to use remote control DH11R or DH12R for program.
2. 2 zones relays can be programmed for opening the lock, up to 1000 user cards can be stored into ZONE 1, 10 user cards can be stored into ZONE 2. ZONE 2 could be programmed for door bell.

Enter the setting mode

In the standby mode, input the admin code twice (eg, 1234+1234. If password digit is set as 2-digit, the password is 12+12. If password digit is set as 3-digit, the password is 123+123. Maximum 6-digit password: 123456). Then the yellow light is on. It is the setting mode.
Notice: Factory default code is 1234.

Set the length of passwords

Enter the setting mode:

Press the button ***** **9** and yellow LED indicator will be flashing, then press the button **0** **4** and a sound "BI" as reminder, then input X(X=2,3,4,5,6): 2--Stands for the password/code digit length is 2(00-99) 3--Stands for the password/code digit length is 3(000-999) The rest may be deduced by analogy, and maximum is 6. A sound "BI" as reminder, means digit length setting successfully. In case the sound is "BI BI BI", means digit length as same as existence, setting is not permitted. Press the button **#** to quit setting mode and standby.



Notice: Once the digit length changed, all added cards will be cleared.

Add the user card (ZONE 1)

In the setting mode:

Enter one set number (3 digits) from 000 to 999 data storage units, yellow LED indicator will be flashing:

1. If red LED indicator is on, means there is data stored in this set of unit, press the button ***** twice to clean up;
2. If green LED indicator is on, means this number data storage unit can be added card in.

Add card steps:

1. Enter in setting mode, and the yellow LED indicator will be flashing.
2. Input three-figure from 000 to 999 data storage units, and the green LED indicator lighting.
3. Swipe card, after the sound "BI", means card added in setting successfully.

Press the button **#** to quit setting mode.

Add the user card (ZONE 2)

In the setting mode:

Press the button ***** and **4**, the yellow LED indicator will be flashing, input two-figure from 00 to 09 data storage units, yellow LED indicator will be flashing;

1. But if red LED indicator light is on, it means there is data stored in this set of unit. press the button ***** twice to clean up;
2. If green LED indicator light is on, it means this number data storage unit can be added card in.

Add card steps:

Swipe card, after the sound "BI", means card added in setting successfully.

Press the button **#** to quit the setting mode.

Delete the user card (ZONE 1)

In the setting mode:

Enter one set number (3 digits) from 000 to 999 data storage units, if red LED indicator is on, means there is data stored in this set of unit, press the button * twice to delete the card .
Press the button # to quit the setting mode.

Delete the user card(ZONE 2)

In the setting mode:

Press the button * and 4 the yellow LED indicator will be flashing, input two-figure from 00 to 09 data storage units, if red LED indicator light is on, it means there is data stored in this set of unit, press the button * twice to delete the card.
Press the button # to quit the setting mode.

Set the unlocking time for ZONE 1

In the setting mode:

Press the button * and 1, the mode indicator will flash yellow, enter the number from 00 to 99, the mode indicator will turn yellow in the mean time a long beep will be heard, it indicates a success of delay time setting. 00-99 means the delay time, eg. 05 means the unlocking time is 5s delayed. If setting lock-time as 00 means: swipe card once to open the door, swipe card again to close the door.
Press the button # to quit the setting mode.

Set the unlocking time for ZONE 2

In the setting mode:

Press the button * and 5, the mode indicator will flash yellow, enter the number from 00 to 99, the mode indicator will turn yellow in the

mean time a long beep will be heard, it indicates a success of delay time setting. 00-99 means the delay time, eg. 05 means the unlocking time is 5s delayed. If setting lock-time as 00 means: swipe card once to open the door, swipe card again to close the door.
Press the button # to quit the setting mode.

Setting access control ID (for networked models only)

In the setting mode:

Press the button * and 9, the yellow LED indicator will be flashing, then press the button 0 and 3, a sound "BI" as reminder. Then input 6 digits ID number, and a sound "BI" as reminder, means ID setting successfully.
Press the button # to quit setting mode.

Modify administrator code

In the setting mode:

Press the button * and 3, the yellow LED indicator will be flashing, then input a new administrator code twice (The length of the new admin code must as same as the old one) and a sounds "BI" means modify successfully.
Press the button # to quit setting mode.

Notice: If forgot the admin password, cut off the power and put on the power again, and press # within 3 seconds. If heard Bi sound, the admin password is restored to factory default password (If the admin password is set as 2-digit, the password is 12. If the password is set as 3-digit, the password is 123. Maximum 6-digit password).

Clean all user cards , restores to factory defaults

In the setting mode:

Press the button **⊕** and **⑧** (mode indicator will flash yellow), follow the button **⊕** twice, (a continuous beep will be heard and mode indicator will turn yellow), it indicates all user cards have been cleaned out successfully.

Press the button **⊕** and **⑧** (mode indicator will flash yellow), follow the button **⊕** twice, (a continuous beep will be heard and mode indicator will turn yellow), it indicates it restores to factory defaults. Press the button **⊕** to quit the setting mode and standby.

Turn on/off the door bell

In the setting mode:

Press the button **⊕** and **②** (mode indicator will flash yellow), follow with the **⊕** and **①** , a long beep will be heard whilst the mode indicator will turn yellow, the function of door bell is turned off. Press the button **⊕** and **②** (mode indicator will flash yellow), follow with the **⊕** and **②** , a long beep will be heard whilst the mode indicator will turn yellow, the function of door bell is turned on. Press the button **⊕** to quit the setting mode.

NOTICE: The relay in ZONE 2 for door bell is available if the function of door bell is turned on but the function or door lock is inactive. Press the button **⊕** in standby mode, the relay contacts one time, the door bell ringing is triggered.

Notice

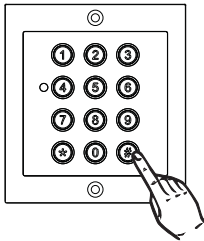
1. Indication light prompt:

Door indicator



- A. When ZONE 1 relay actived, door indicator will turn green.
 - B. When ZONE 2 relay actived, door indicator will turn red.
2. Detect door status: When the door is opened and then closed, as long as the controller detects the door is closed, the relay will close the door even though the delay time is not time up
- (Notice:** Only zone one supports detect door status function. When the door open time is set as 00 seconds, this function is not valid).
3. If enter wrong information, it will imply as BI.BI. sounds. The device would turn back without actions in 30 seconds automatically accompany with BI.BI. Sounds.
4. If failure show in 5 times when swiping card, the reader will be locked automatically for 60 seconds. During this time, all the operations will not be valid.

Operation for password access control



Operation tips:

2 zones relays can be programmed for opening the lock, up to 1000 correlative codes can be stored into ZONE 1, 10 user codes can be stored into ZONE 2. The ZONE 2 could be programmed for door bell.



Enter the setting mode

In the standby mode, input the admin code twice (eg, 1234+1234). If password digit is set as 2-digit, the password is 12+12. If password digit is set as 3-digit, the password is 123+123. Maximum 6-digit password: 123456). Then the yellow light is on. It is the setting mode.

Notice: Factory default code is 1234.

Set the length of passwords

Enter the setting mode:

Press the button  and yellow LED indicator will be flashing, then press the button  and a sound "BI" as reminder, then input X(X=2,3,4,5,6): 2--Stands for the password/code digit length is 2(00-99) 3--Stands for the password/code digit length is 3(000-999) The rest may be deduced by analogy, and maximum is 6. A sound "BI" as reminder, means digit length setting successfully. In case the sound is "BI BI BI", means digit length as same as existence, setting is not permitted.

Press the button  to quit setting mode and standby.

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Notice: Once the digit length changed, all added passwords will be cleared.

Add the user code(ZONE 1)

In the setting mode:

Enter one set number(3 digits) from 000 to 999 data storage units, yellow LED indicator will be flashing:

1. If red LED indicator is on, means there is data stored in this set of unit, press the button  twice to clean up;
2. If green LED indicator is on, means this number data storage unit can be added passwords in.


Add passwords steps:

1. Enter in setting mode, and the yellow LED indicator will be flashing.
2. Input three-figure from 000 to 999 data storage units, and the green LED indicator lighting.
3. Input the correlative passwords
the length of passwords should be the same as admin code. For example, the admin code is 12 (two is the length), herein should setting two digits passwords, you can set 00-99 as your passwords. If the admin code is 123 (three is the length), herein should setting three digits passwords, you can set 000-999 as your passwords. The rest may be deduced by analogy..... After the sound "BI", means passwords setting successfully.

Press the button  to quit setting mode.

Delete the user code(ZONE 1)

In the setting mode:

Enter one set number (3 digits) from 000 to 999 data storage units, if red LED indicator is on, means there is data stored in this set of unit, press the button  twice to delete the code.

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Add the user code(ZONE 2)

In the setting mode:

Press the button **⊛** and **④**, the yellow LED indicator will be flashing, input two-figure from 00 to 09 data storage units, yellow LED indicator will be flashing;

1. But if red LED indicator light is on, it means there is data stored in this set of unit. Press the button **⊛** twice to clean up;
2. If green LED indicator light is on, it means this number data storage unit can be added password in.

Add passwords steps:

Input the correlative passwords the length of passwords should be the same as admin code. For example, the admin code is 12 (two is the length), herein should setting two digits passwords, you can set 00-99 as your passwords. If the admin code is 123 (three is the length), herein should setting three digits passwords, you can set 000-999 as your passwords. The rest may be deduced by analogy.....After the sound "BI", means passwords setting successfully.

Press the button **#** to quit setting mode.



Notice

The user code must be different from the administration code. The code of ZONE 1 must be different from that of ZONE 2.

Delete the user code(ZONE 2)

In the setting mode:

Press the button **⊛** and **④**, the yellow LED indicator will be flashing, input two-figure from 00 to 09 data storage units, if red LED indicator light is on, it means there is data stored in this set of unit, press the button **⊛** twice to delete the code.

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Set the unlocking time for ZONE 1

In the setting mode:

Press the button **⊛** and **①**, the mode indicator will flash yellow, enter the number from 00 to 99, the mode indicator will turn yellow in the mean time a long beep will be heard, it indicates a success of delay time setting. 00-99 means the delay time, eg. 05 means the unlocking time is 5s delayed. If setting lock-time as 00 means: input password once to open the door, input password again to close the door.

Press the button **#** to quit the setting mode.

Set the unlocking time for ZONE 2

In the setting mode:

Press the button **⊛** and **⑤**, the mode indicator will flash yellow, enter the number from 00 to 99, the mode indicator will turn yellow in the mean time a long beep will be heard, it indicates a success of delay time setting. 00-99 means the delay time, eg. 05 means the unlocking time is 5s delayed. If setting lock-time as 00 means: input password once to open the door, input password again to close the door.

Press the button **#** to quit the setting mode.

Turn on/off the door bell

In the setting mode:


Press the button **⊛** and **②** (mode indicator will flash yellow), follow with the **①** and **①**, a long beep will be heard whilst the mode indicator will turn yellow, the function of door bell is turned off.

Press the button **⊛** and **②** (mode indicator will flash yellow), follow with the **①** and **②**, a long beep will be heard whilst the mode indicator will turn yellow, the function of door bell is turned on.

Press the button **#** to quit the setting mode.



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Notice

The relay in ZONE 2 for door bell is available if the function of door bell is turned on but the function or door lock is inactive. Press the button  in standby mode, the relay contacts one time, the door bell ringing is triggered.


Change admin password

In the setting mode:

Press the button  and  , the yellow LED indicator will be flashing, then input a new administrator code twice (The length of the new admin code must as same as the old one) and a sounds "BI" means modify successfully.




Press the button  to quit the setting mode.

Notice





If forgot the admin password, cut off the power, then press  and hold and put on the power again (Bi sound heard). The admin password is restored. If the admin password is set as 2-digit, the password is 12.If the password is set as 3-digit, the password is 123. Maximum 6-digit password.

Clean all user codes, restores to factory defaults

In the setting mode:

Press the button  and  (mode indicator will flash yellow), follow the button  twice, (a continuous beep will be heard and mode indicator will turn yellow), it indicates all user codes have been cleaned out successfully.

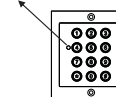
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Press the button  and  (mode indicator will flash yellow), follow the button  twice, (a continuous beep will be heard and mode indicator will turn yellow), it indicates it restores to factory defaults. Press the button  to quit the setting mode and standby.

Notice

1.Indication light prompt:

Door indicator



- A. When ZONE 1 relay activated, door indicator will turn green.
- B. When ZONE 2 relay activated, door indicator will turn red.

2. Detect door status: When the door is opened and then closed, as long as the controller detects the door is closed, the relay will close the door even though the delay time is not time up

(Notice: Only zone one supports detect door status function. When the door open time is set as 00 seconds, this function is not valid).

3. If enter wrong information, it will imply as BI.BI. sounds. The device would turn back without actions in 30 seconds automatically accompany with BI.BI. Sounds.

4.If failure show in 5 times when entering password, the reader will be locked automatically for 60 seconds. During this time, all the operations will not be valid.

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