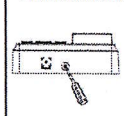
AccessControl

System User Manual

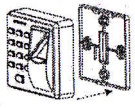


1.Equipment Installation

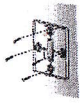
Wall mount installation



(1)Remove the screw on the bottom of device.



(2)Take away the back cover.



(3)Fix the back cover on the wall according to the mounting paper.



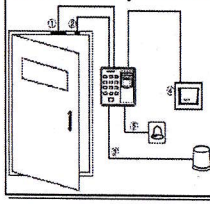
(4)Fix the device to the back cover.



(5)Fix the screw.

2.Structure and Function

Access Control System Function:



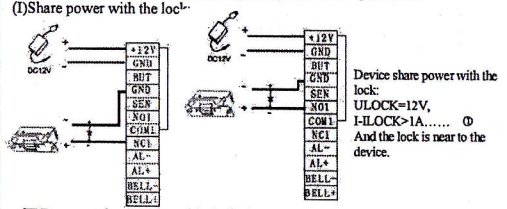
(1)If a registered user verified, the device will export the signal to unlock the door.
(2)Door sensor will detect the on-off state. If the door is unexpected opened or improperly closed, the alarm signal (digital value) will be triggered.
(3)If the device being illegally removed, the device will export alarm signal.
(4)External exit button is supported; it is convenient to open the door inside.
(5)External bell is supported.

3.Lock Connection

⚠ **Warning: No operation when power on!**

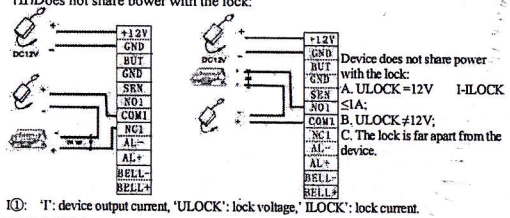
(1) The system supports NO LOCK and NC LOCK. For example the NO LOCK (normally open at power on) is connected with'NO' terminal, and the NC LOCK is connected with 'NC' terminal.
(2) When the Electrical Lock is connected to the Access Control System, you need to par all elone diode(equip ped in the package)to prevent the self-inductance EMF affect the system, do not reverse the polarities.

(I)Share power with the loc[1]



Device share power with the lock:
ULOCK=12V,
I-ILOCK>1A..... ①
And the lock is near to the device.

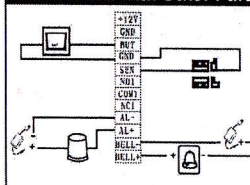
(II)Does not share power with the lock:

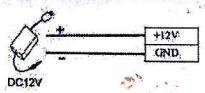


Device does not share power with the lock:
A. ULOCK=12V I-ILOCK ≤1A;
B. ULOCK≠12V;
C. The lock is far apart from the device.

①: 'I': device output current, 'ULOCK': lock voltage,' ILOCK': lock current.

4.Connected with Other Parts: 5.Connect with Power:





Input DC 12V, 500mA(50mA standby)Positive is connected with '+12V', negative is connected with 'GND' (do not reverse the polarities).

Voltage output ≤ DC 12V for Alarm

Description:

default authentication: fingerprint,password or card

[#]confirm	password= 4 digits	default magnetic delay: 10 seconds
[*]exit	user ID 1-5 digits	default locked time: 6 seconds
		default alarm open

Instructions

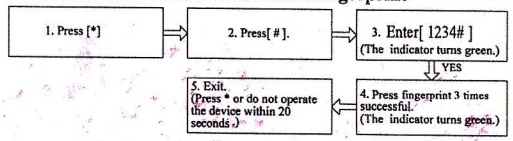
Operation Instructions

1.UserManagement

1.1 Administrator Operations

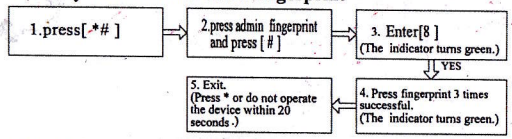
To ensure data security of the device, you can operate the device only after the administrator password is authenticated.

❖ Authenticator the Administratord fingerprint



☺Note:The initial admin password is1234
After a successful registration of administrator fingerprint (can only register one fingerprints), the administrator password expires

❖ Modify the Administratord fingerprint



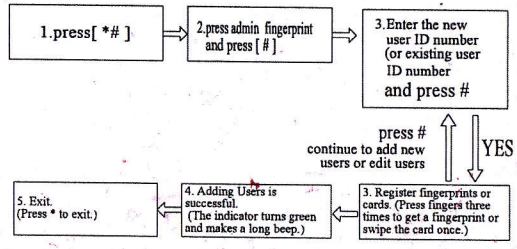
❖ Administrator fingerprint is missing

If the administrator fingerprint is missing,you can press the disassembly key three times to reset the password to the initial administrator password 30 to 60 seconds after the device is disassembled from the wall or door. (There is a long beep 30 seconds after the device is disassembled from the wall or door.)

1.2 Add Users

Register the fingerprint or card of a user or register cards in batches.

❖ Add Users

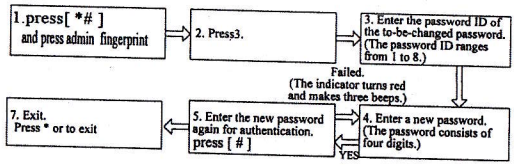


☺ 1.add new user must enter the user ID number, if the user already exists, the devic edefault edit this user.

2. After a user registration,the indicator turns green and make a long beep, can continue to registration the user's new fingerprint, other fingerprint at most 10 fingerprints.

3.The registration process fail sif the fingerprint is of poor quality or the fingerprint or the card has been registered. After the device indicator turns green, you can register the user again. Registered users must not be registered again.

1.3Change Eight Passwords for Opening the Door



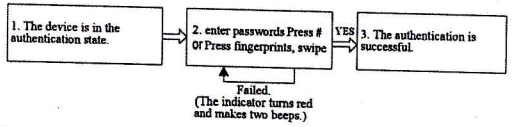
Note: 1. If you set a password to an all-0 password after entering the password ID, this password will be locked and you cannot use this password to open the door.

2. If a password is successfully changed, enter the password ID of the to-be-changed password to change the next password.

1.4AuthenticationUsers

Authentication Users' Fingerprints/Cards/Passwords

After the device is powered on, it enters the authentication state for users to unlock the door.

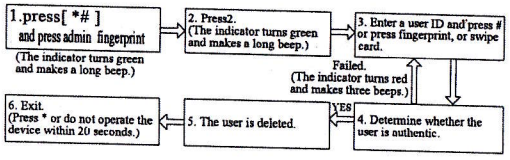


Note: Press # after entering a password for authentication. The door opens if the entered password is identical with one of the eight passwords for opening the door. The initial eight passwords for opening the door are 8888. For how to change pass words for opening the door

1.5 Delete Users

Delete a user whose fingerprint or card is registered, or delete all users.

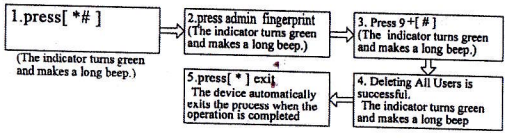
❖ Delete a User



Note:1.In the process of entering user IDs, press # to enter th everification process.

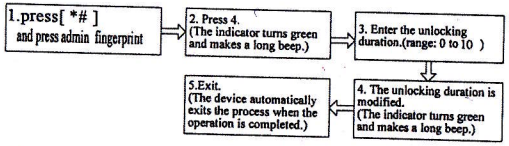
2. The device automatically enters the process of deleting the next user when a user is deleted.

❖ Delete All Users



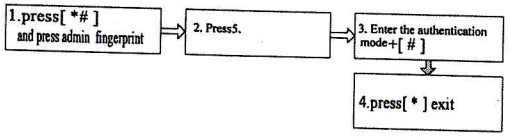
2.Access Control Management

2.1 Configure Unlocking Duration



Note: pres # to enter the verification process. Values greater than 10 are considered invalid.

2.2 Configure Authentication Mode



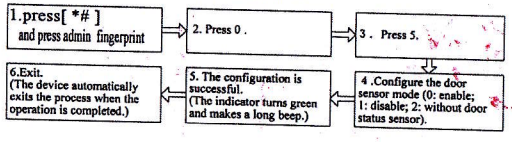
Note: 1. Details about the authentication mode are as follows:

Authentication Mode	type	Description
Mode 1 (number1)	PW	Only password verification
Mode 2 (number2)	RF	Only RF Card verification
Mode 3 (number3)	FP	Only fingerprint verification
Mode 4 (number4)	FP/PW/RF	fingerprint or password or RF verification
Mode 5 (number5)	RF&PW	RF and password verification
Mode 6 (number6)	FP&PW	fingerprint and password verification

2.3 Configure Door Sensor Mode

The door sensor switch includes three modes:

- **NONE**: The door sensor switch is not used.
- **NO**: The lock is open as long as the door is open.
- **NC**: The lock is closed after the door is closed.



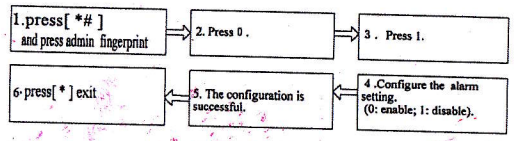
Note: The door sensor mode configured here is used as the basis for the door sensor alarm.

2.4 Configure Alarm

Note: If an alarm is triggered, the buzzer of the device generates an alarm. 30 seconds later, the alarm is switched to an alert. The alarm can be terminated after the user is authenticated.

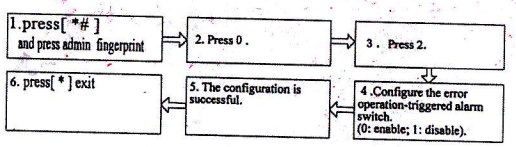
❖ Configure Alarm setting

The defaute should be on, when it is set to be close, then Error Operation-Triggered Alarm, Tamper Alarm, the Alarm Delay for the Door Status Sensor will be disabled.



◆ Configure Error Operation-Triggered Alarm

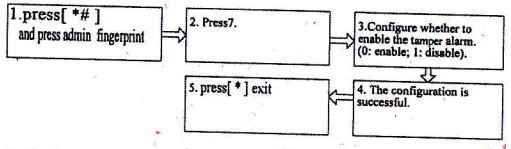
If this function is enabled, alarms are generated if a user fails the authentication upon three attempts. The administrator authentication is not allowed within 20 seconds after an alarm is generated.



◆ Configure Tamper Alarm

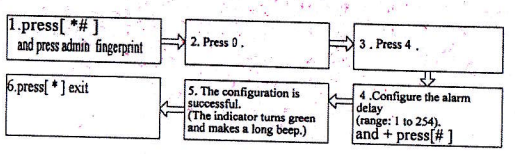
If this function is enabled, alarms are generated upon device disassembly.

Configure whether to enable the disassembly alarm.



◆ Configure Alarm Delay for the Door Status Sensor

DSen. Delay (Door Sensor Delay): indicates the delay in checking the door sensor after the door is open. If door sensor state is inconsistent with the normal state set by the door sensor switch, an alarm will be generated, and this period of time is regarded as the "door sensor delay".



Note: Three-digit values are automatically verified. For values with less than three digits, press # to enter the verification process. Values greater than 254 are considered invalid.