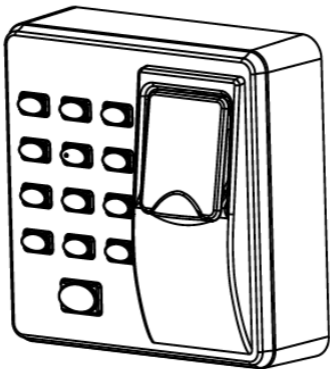


X6 Access Control

System User Manual

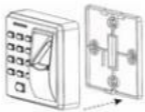


1. Equipment Installation

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.



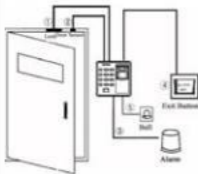
(4) Fix the device to the back cover.



(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.

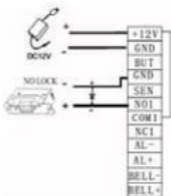
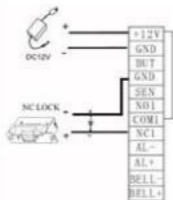
3.Lock Connection

⚠ 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.

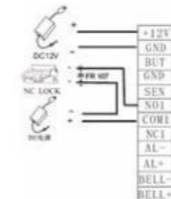
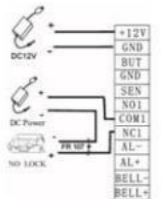
(2) When the Electrical Lock is connected to the Access Control System, you need to parallel one FR107 diode (equipped in the package) to prevent the self-inductance EMF affect the system, do not reverse the polarities.

(I) Share power with the lock:



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

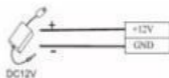
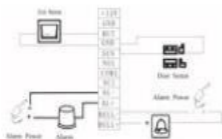
(II) Does not share power with the lock:



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.

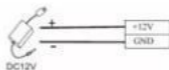
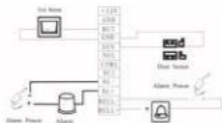
①: 'I': device output current, 'ULOCK': lock voltage, 'ILOCK': lock current.

4. Connect with alarm



Notice: Voltage output \leq DC 12V for Alarm

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)

Instructions

Buttons represent: [#] means yes, [*] means Escape

Lights represent: Green means success, Red means Failure

Number: Password=4 digits, work code<=5 digits

Tones: Long buzz means success, short buzz twice means failure, short buzz 4 times means wrong action

Notice: make sure you pressed [#] to confirm, [*] exit to initial condition

1. User management

1.1 Administration Operations

For the security of the data, admin password is needed to operate the machine.

- Register the admin's fingerprint

Press [*]+[#]→Input [1234#]→register fingerprint 3 times (green light on and a long buzz)
→press [*] to exit (green light on and a long buzz)

- Modify the admin's fingerprint

Press [*]+[#]→Press admin fingerprint→press [8] (green light on and a long buzz) →register fingerprint 3 times → press [*] to exit (green light on and a long buzz)

- Lost the admin fingerprint

Please contact customer service at: 4006-900-999

1.2 Add/Edit a User

Each user can register 10 fingerprints and 1 card at most

Press [*]+[#]→press admin fingerprint→press [#]→ Input a new/ exist work code [#]→ register fingerprint 3 times (green light on and a long buzz) →press [#] continue to add new users OR press [*] to escape (green light on and a long buzz)

Notice:

- a. New user has to put work code, the machine will defaultly edit the present user if the number existed.
- b. After the first fingerprint registered, same user's other fingerprints can be added, 10 pcs at most
- c. If there is wrong action or repeat occurred during register fingerprint/ cards, machine's red light will be on along with short buzz 4 times, then green light will be on. Continue to register without exit, no operation limits.

1.3 Register Eight Passwords for Opening the Door

The machine supports at most 8 groups of door passwords, each password responds to a group (range: 1~8):

Press [*]+[#]→Press admin fingerprint→press [3] →Input modified group number (1~8) → Put 4 digit password [#] (repeat twice) →press [*] to exit

Notice:

- a. When a group of password was changed into 00000, then this group of password was shut down
- b. When a group of password was changed successfully, you can input next group of number to modify directly.

1.4 User Authentication

Fingerprint / Card / Password authentication

Connect the power, the machine is on the mode of authentication.

Press password [#] / Press fingerprint / Swipe card → Authenticat successfully

Notice:

When use a password , the door can be opened as long as the password is same as one of the 8 groups of passwords. Original 8 groups of password are empty.

1.5 Delete Users

- Delete a single user

Press [*]+[#]→Press admin fingerprint→press [3] →Press [2] → Put work number [#] / fingerprint / card →press [*] to exit

- Delete all of the users

Press [*]+[#]→Press admin fingerprint→press [9]+[#]→press [*] to exit

2. Access control management (Default setting is recommended)

2.1 Configure Unlocking Duration (Default 6 seconds)

Press [*]+[#]→Press admin fingerprint→press [4] →Input unlock duration (1s~10s) →press [*] to exit

When the unlock duration is bigger than 10, red light will be on.

2.2 Configure Authentication Mode (FP/PW/RF)

Press [*]+[#]→Press admin fingerprint→press [5] →Input authentication mode value [#]→press [*] to exit

Authentication Mode Value Description:

Mode	Value	Description
PW	1	Only Password
RF	2	Only Card
FP	3	Only fingerprint
FP/PW/RF	4	Fingerprint or password or card
RF& PW	5	Card then password
FP & PW	6	Fingerprint them password

2.3 Configure Alarm

- Alarm Switch (Default ON)

The switch is the master switch of the machine, only when it's on, can the alarm incorrecly, tamper alarm and magnet alarm be working properly. The alarm will be shut down when it's off.

Press [*]+[#]→Press admin fingerprint→press [0]+ [1]→Configure main switch [#] (0: ON, 1:OFF)→press [*] to exit

- Tamper Alarm Configure (Default ON)

Only when this function is on, the machine can be alarmed during tampering.

Press [*]+[#]→Press admin fingerprint→press [7]→Configure tamper alarm switch [#] (0: ON, 1:OFF)→press [*] to exit