FINGERPRINT DOOR LOCK

M901S

Product Guide

Lock Knob

Fingerprint Sensor

OLED Display

Touch Screen Keypad
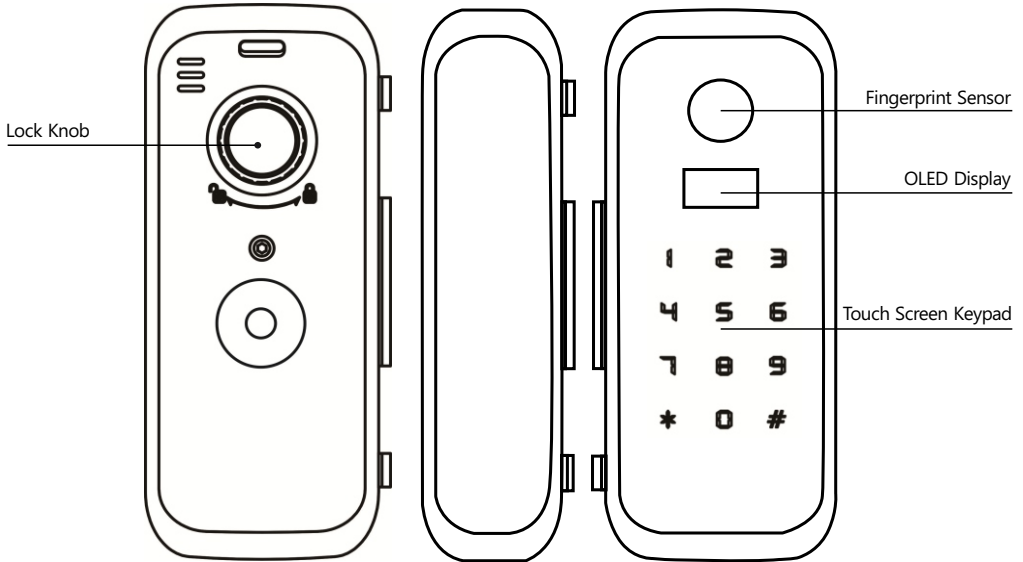
Brief Introduction

1. The lock is only suitable for the glass door which the thickness is between 10 ~ 12mm.

2. There are up to 300 different users available in the lock.

3. The password can be set between 6 ~ 10 digits.

4. The default master password is "01234-56789".

5. The lock has 3 unlocking modes for different security levels;

6. When operating the lock, the number keys have different functions

   "2":   "4":   "6":   "8":
   Up (∧)   Left (<)   Right (>)   Down (∨)

7. Once user input wrong passwords in continuous for 5 times, the lock freezes for 3 minutes for security. During this period, you cannot operate the lock.
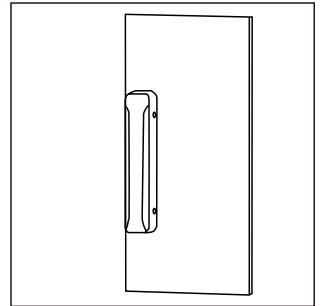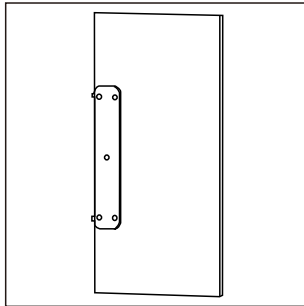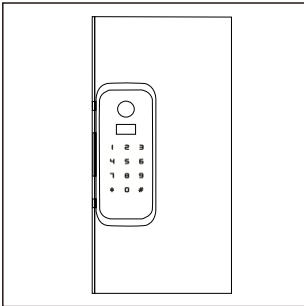
Installation
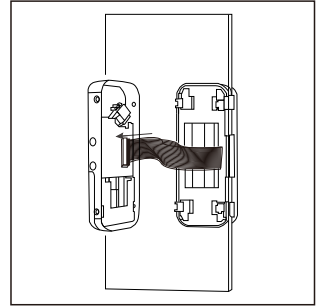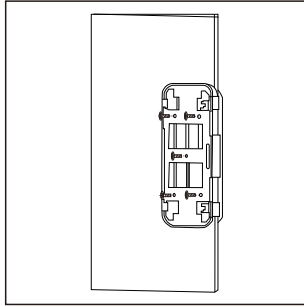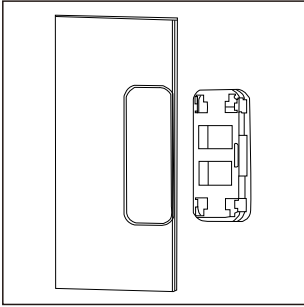
a Mark the place on the glass door for the installation, and then paste the base board on it.

b Loose the screws on the back side of the lock, disconnect the cable on the lock, and then insert the lock into the base board

c Connect the cable with the back plate of the lock, and then fasten the lock

d Install the battery and try to unlock the lock to make sure the installation is correct.


e For the strike plate, make the place on the glass door according to the place of the lock, and then paste and base board on it

**f** Insert the strike plate into the base board and finish.

Operation

1 Some Suggestions to Help Capturing the Fingerprint

When placing the finger on the sensor, please make sure the "core" of fingerprint is staying in the main area of sensor directly with a little amount of pressure. Like the pictures show as below:
Insert Image
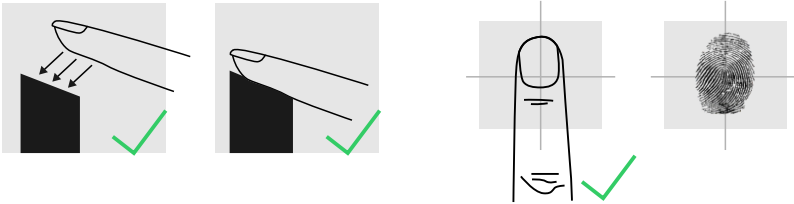
The sensor may not capture the correct fingerprint image if you follow the below operations.
Insert Image
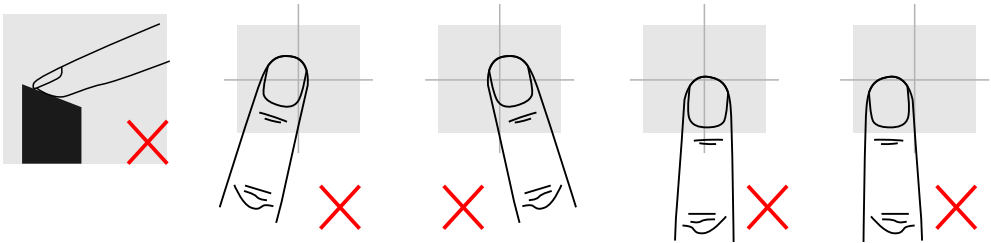
⚠️ *It is suggested to register the thumb, first finger, and middle finger for better fingerprint images.*

2 Fingerprint Unlocking

Place the finger on the sensor, the lock will be activated automatically and started to capture the fingerprint image for identification. Once the identification is passed, the LCD display shows the user information and then unlock automatically.
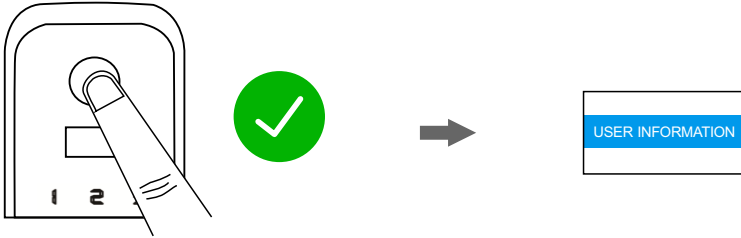
3 Password Unlocking

Touch the keypad to activate the lock, and then input the password with press "#" to finish. If the password is correct, the LCD display shows the user information and then unlock automatically.
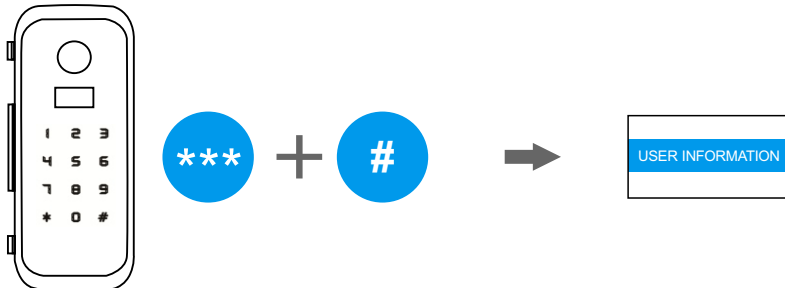
⚠️ *if you input a wrong password continuously for 5 times, the lock will be locked for 30 seconds. The LCD display shows count down of time. During this period, the lock cannot be accessed, and all operations are suspended. Afterwards, the lock returns to normal state.*

Random Password Protection

For a better security protection to the password user, the lock is designed with a random password protection. You can add any digits before and after the real password.

For example, the password is "123-456", you can unlock the lock by inputting the password as following:

1: 1 2 3 4 5 6 X X X X X X #

2: X X X X X X 1 2 3 4 5 6 #

3: X X X X 1 2 3 4 5 6 X X X X #

4 RF Card Unlocking

Place the card close to keypad. If the card is correct, the LCD display shows the user information and then unlock automatically.

USER INFORMATION

Operation

1 Change The Master Password
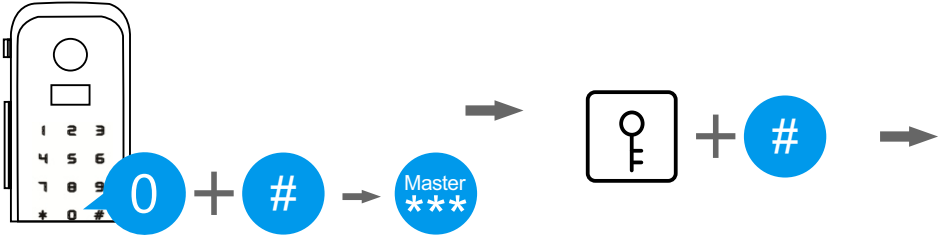
0 + **#** → Master ✶✶✶ → 🔑 + **#** →

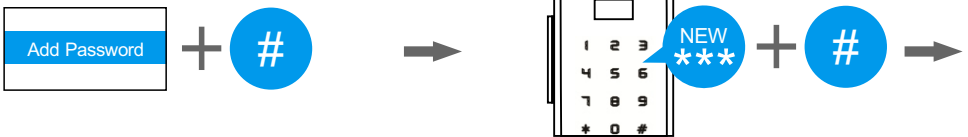**a** Input "0"and "#", and then input the master password to log in the system

b Select "Users" option and confirm with "#"

Admin + **#** →

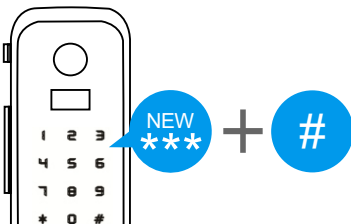**c** Select "Admin" and confirm with "#"

Password + **#** →

d Select "Password" and confirm with "#"

Add Password + **#** →

e Select "Add Password" and confirm with "#"

NEW ✶✶✶ + **#** →

**f** Input the new password, and then confirm with "#"

NEW ✶✶✶ + **#**

g Input the new password again, and then confirm with "#" to finish.

⚠️ *The default master password is "01234-56789";*

⚠️ *There is only one master password available in the lock, once the new master password is registered, it will delete the old one.*

⚠️ *The password can be 6 to 10 digits;*

⚠️ *Once user finish the operation, please try to unlock the lock to make sure the operation is successful.*

⚠️ *Only fingerprint and password supported for the master user.*
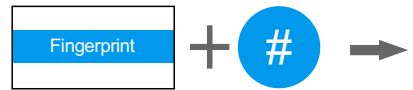
2 Add Master Fingerprint User
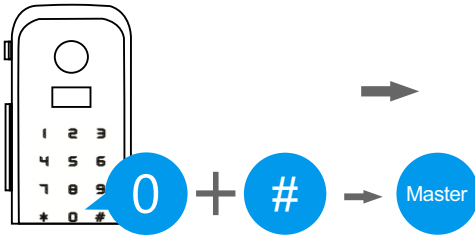
0 + **#** → Master

(a) Input "0"and "#", and then input the master User to log in the system

🔑 + **#** →

(b) Select "Users" option and confirm with "#"

Admin + **#** →

(c) Select "Admin" and confirm with "#"

Fingerprint + **#** →

(d) Select "Fingerprint" and confirm with "#"

Add Fingerprint + **#** →

(e) Select "Add fingerprint" and confirm with "#"

X3

(f) Place the fingerprint on the sensor in 3 times to finish.

⚠️ *There is no limit capacity for the master fingerprint users, but the maximum user capacity is 300;*

⚠️ *Once finish the operation, please try to unlock the lock to make sure the operation is successful.*

3 Add Normal User

0 + **#** → Master

a   Input "0"and "#", and then input the master user to log in the system

+ **#** →

b   Select "Users" option and confirm with "#"
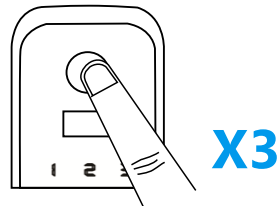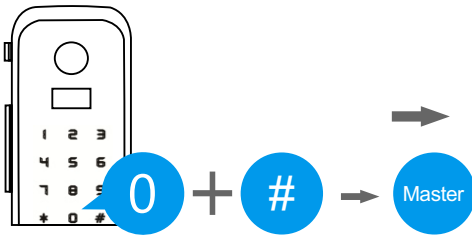
Add User + **#** →

c   Select "Add User" and confirm with "#"

User 01 + **#** →

d   Input the name of the user group and confirm with "#"

For Fingerprint

Fingerprint + **#** →

e   Select "fingerprint" and confirm with "#"
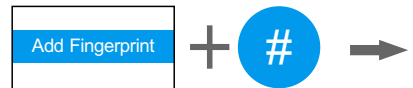
Add Fingerprint + **#** →

f   Select "Add fingerprint" and confirm with "#"

X3
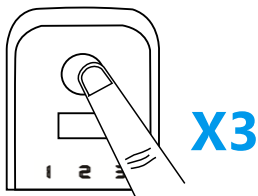
g   Place the fingerprint on the sensor in 3 times to finish.

For Password

(e) Select "password" and confirm with "#"

(f) Input the password and confirm with "#"

(g) Input the password again and confirm with "#" to finish

For Card

(e) Select "card" and confirm with "#"

(f) Select "add card" and confirm with "#"

(g) Place the card on the card reader to finish.

⚠️ *The password can be 6 to 10 digits;*

⚠️ *It is suggested to make a list to record the users in the lock.*

⚠️ *You can register all users in the same user group or register the users in different user groups.*

⚠️ *Once you finish the operation, please try to unlock the lock to make sure the operation is successful.*

4 Delete Users (Master fingerprint users)

a Input "0"and "#", and then input the master user to log in the system

b Select "Users" option and confirm with "#"

Admin **+** **#**

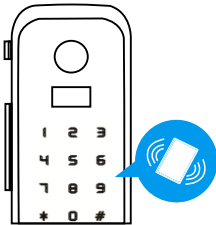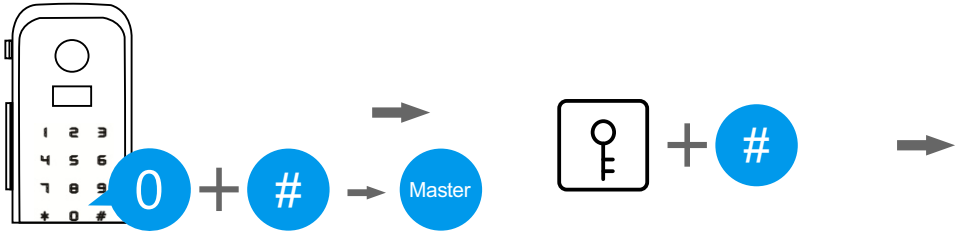**c** Select "Admin" and confirm with "#"

Fingerprint **+** **#**

d Select "Fingerprint" and confirm with "#"

| 001 |
| 002 |
| 003 |

+ **#**

NO   YES
"1"   "3"

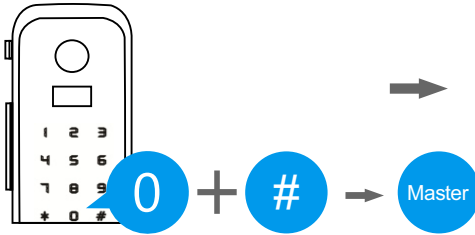**e** Select the fingerprint user to delete, and confirm with "#"

f Press "3" to delete the user

⚠️ *The master password cannot be deleted but can be modified.*

⚠️ *It is suggested to make a list to record the users for better management.*

⚠️ *Once finish the operation, please try to unlock the lock to make sure the operation is successful.*
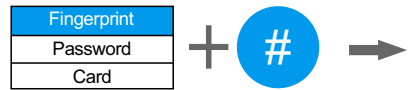
5 Delete Users (Normal users)

a Input "0"and "#", and then input the master user to log in the system
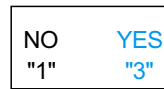
b Select "Users" option and confirm with "#"

c Select "Admin" and confirm with "#"

d Select the type of user, and confirm with "#" (fingerprint/password/card)

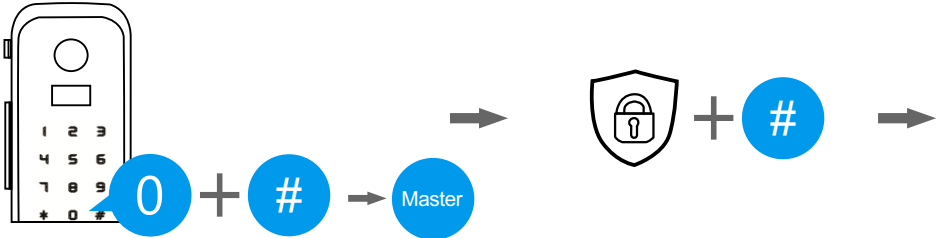**e** Select the fingerprint user to delete, and confirm with "#"

f Press "3" to delete the user

⚠️ *Once finish the operation, please try to unlock the lock to make sure the operation is successful.*

⚠️ *If you want to delete all the users within a user group, you can select "delete user" to delete all of them in one time.*
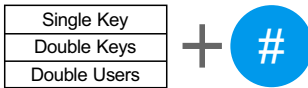
6 Unlocking Mode

Sometime if you need a higher security level, you can set up the lock in double unlocking mode, which the unlock needs 2 registered users for unlocking each time.

a Input "0"and "#", and then input the master user to log in the system

b Select "Lock Mode" and confirm with "#"

c Select the mode for unlocking, and confirm with "#"

Single Key: unlock with one registered user;

Double Keys: unlock with 2 registered users, these 2 users can be in a same user group and different groups;

Double Users: unlock with 2 registered users, these 2 users have to be in different groups.
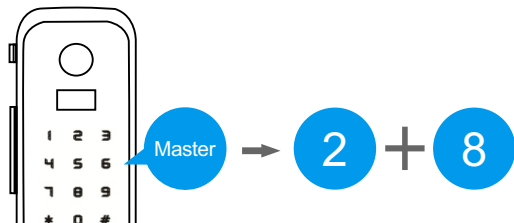
⚠ *Once finish the operation, please try to unlock the lock to make sure the operation is successful.*

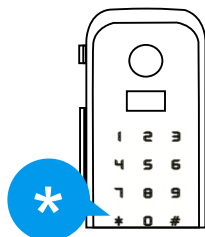⚠ *The master users can unlock directly overriding the lock modes.*

7 Passage Mode

When the lock is requested for unlocking frequently, you can activate the passage mode and let the people unlocking without identifications.

Enable

Unlock with master user, and then input 2 + 8 to activate the passage mode

Disable

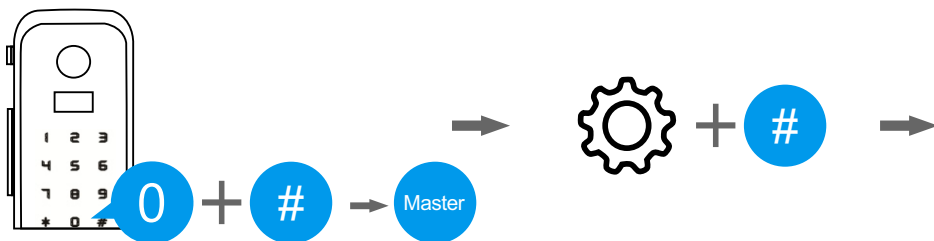Press * to cancel the passage mode

⚠️ ***Once finish the operation, please try to unlock the lock to make sure the operation is successful.***

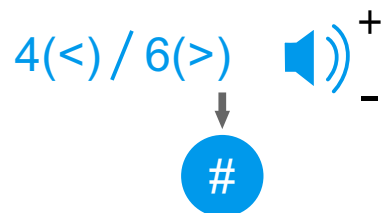⚠️ ***The master users can unlock directly irrespective of the lock modes.***

8 System Setting

Volume Setting

0 + **#** → Master → ⚙ + **#** →

(a) Input "0"and "#", and then input the master user to log in the system

(b) Select "System" and confirm with "#"

Volume + **#** →

4(<) / 6(>) 🔊 +/−
↓
#

(c) Select "Volume" and confirm with "#"

(d) Use Left key (4) and Right Key (6) to adjust and volume, and then confirm with "#"

Date and Time Setting
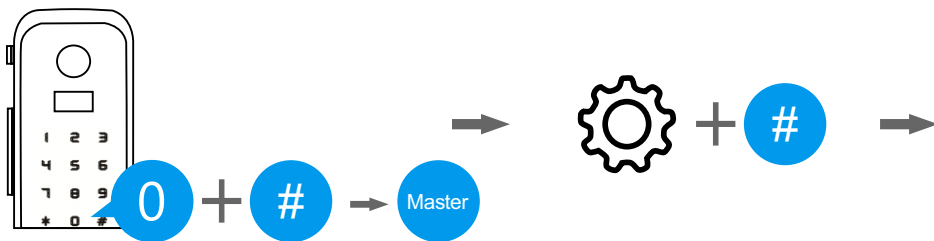
0 + **#** → Master → ⚙ + **#** →

(a) Input "0"and "#", and then input the master user to log in the system

(b) Select "System" and confirm with "#"

Time + **#** →

xx/xx/xxxx
xx:xx:xx + **#**

(c) Select "Time" and confirm with "#"

(d) Input the date and time, and then confirm with "#"

9 Restore The Lock

When the lock has problems and you can try to restore the lock to solve the problems.

a Input "0"and "#", and then input the master user to log in the system

b Select "System" and confirm with "#"
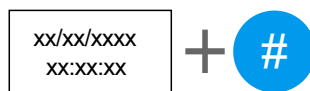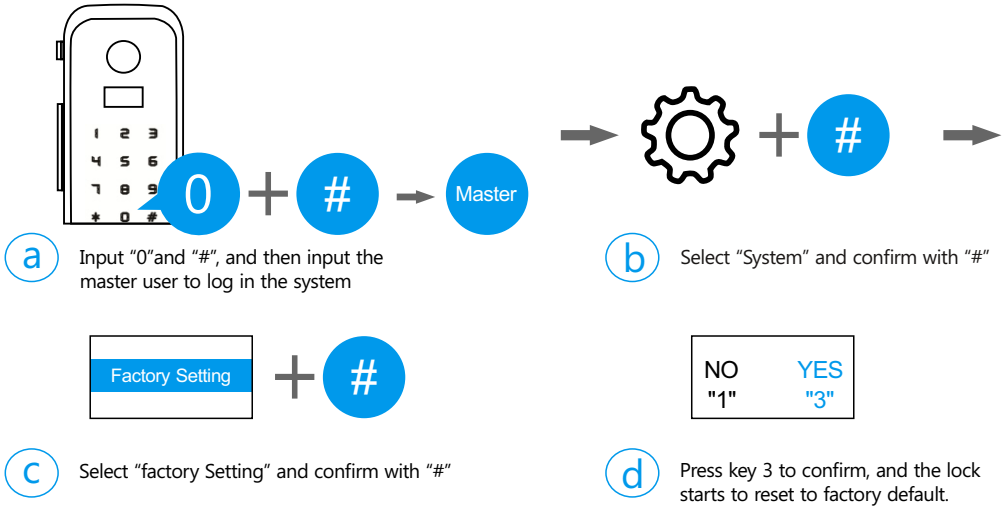
c Select "factory Setting" and confirm with "#"

Factory Setting **+** **#**

d Press key 3 to confirm, and the lock starts to reset to factory default.

NO   YES
"1"   "3"

⚠️ *After reset the lock, the master password returns to default "01234-56789", please change the master password as soon as possible.*

⚠️ *All the users and unlock records will be deleted in the lock.*

10 Unlock Records

When the lock has problems and you can try to restore the lock to solve the problems.

a Input "0"and "#", and then input the master user to log in the system

b Select "Log" and confirm with "#"
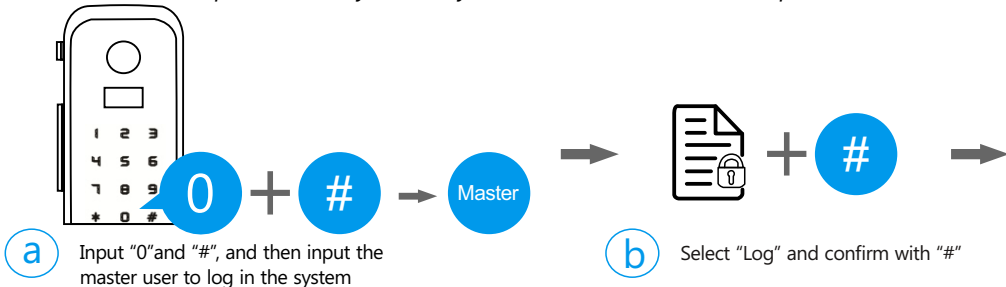
2(∧) / 8(∨)

Admin
xx/xx/xxxx

c Use Up key (2) and Down key (8) to check the records.