

# Digital Door Lock AML 551



XL-C 4610

**User Manual**

**dormakaba India Private Limited**

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## Technical Parameters

Technical Parameters			
	Items	Parameters	Memo
1	Quiescent current	$\leq 50\mu\text{A}$	
2	Dynamic current	$\leq 180\text{mA}$	
3	Administrators' number	10	
4	Fingerprint number	110 (optional 300)	
5	Fingerprint + password + card capacity	300	
6	Fingerprint scanner	semiconductor	
7	Fingerprint contrast time	$\leq 1\text{Second}$	
8	Fingerprint identification Angle	$360^\circ$	
9	False Rejection Rate	$\leq 0.1\%$	
10	False Recognition Rate	$\leq 0.0001\%$	
11	Reaction time	$\leq 0.5\text{ Second}$	
12	Power type	6V	
13	Emergency powering	5VDC	
14	Working temperature	$-25^\circ\text{C} \sim 60^\circ\text{C}$	
15	Working Relative Humidity	20%~90%RH	
16	Human voice	Yes	
17	KBD	Touch standard 12-bit keyboard	
18	Password Length	6-8bit	
19	Phantom password	16bit	
20	Low voltage alarm	$4.8 \pm 0.2\text{V}$	
21	Unlock time	$\leq 1\text{Second}$	

### Language settings

Nine language version language switch (default English), enter the shortcut key in the initialization state, press # to confirm:

Shortcut key	Language
555666880	English (factory default)
555666881	Vietnamese (Ting Vit)
555666882	Portuguese
555666883	Arabic
555666884	Russian
555666885	Thai.
555666886	Spanish
555666887	Indonesian
555666888	French

## 1. Function and Operation

### 1.1 Description of terms and functional keys

- 1) Administrator information: refers to the administrator's fingerprint, password or ID card.
- 2) Unlock information: refers to the input fingerprint, password or IC card information (including administrators and ordinary users).
- 3) Key “\*” : clear key/back key. Enter the password and point by clearing the previous input. Click the clear key three times in succession, empty all input.
- 4) Key “#” : confirmation key or menu function key.

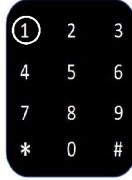
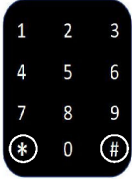
## 2. Initial state

- 1) The factory administrator initial password is 123456, under the initial state any fingerprint, IC card or password can open the lock.
- 2) Any fingerprint, IC card or password which are not input can't open the lock after inputting the administrator information.

### 3. Add administrator information

Administrator ID number: 001-009

Administrator information capacity: 9 people



Press \* # 123456 # to enter the settings mode when adding administrator information for the first time in factory mode

Press 1: administrator settings

Press 1: Add administrator

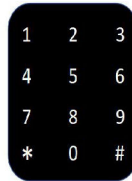
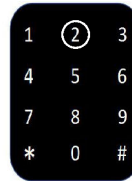
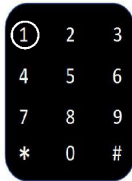
Please enter administrator information  
Password#  
fingerprint  
card

Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode

### 4. Delete administrator information

(Method for deleting administrator information: Use ID number to delete)

Note: To delete an administrator, at least two administrator information must be locked. For example, to delete an administrator (001), it is necessary for the administrator (002-009) to enter the settings mode in order to delete the (001) information



Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode

Press 1: administrator settings

Press 2: Delete administrator

Please enter your ID number and press the # key to confirm

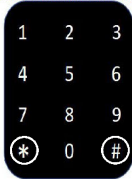


For example: Enter ID numbers 001-009

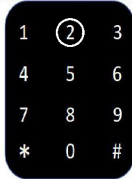
## 5. Add users

User ID number: 010-300

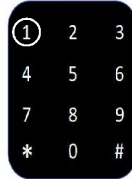
User capacity: 291 people



Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode



Press 2: User settings



Press 1: Add User



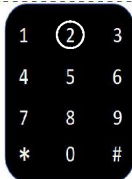
Please enter unlocking information  
Password#  
fingerprint  
card

## 6. Delete user

Method 1: Use ID number to delete



Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode



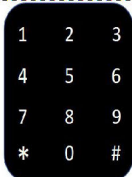
Press 2: User settings



Press 2: Delete user



Press 1: ID number  
deletion



Please enter your ID  
number and press the #  
key to confirm



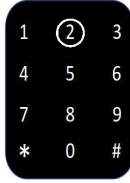
For example: Enter ID  
numbers 010-300

## Method 2: Delete All

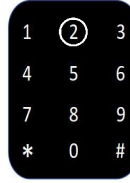
Delete All means deleting all user information



Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode



Press 2: User settings



Press 2: Delete user



Press 2: Delete All  
Press the # key to confirm

## 7. Voice settings

Voice settings: Refers to turning on or off mute mode



Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode



Press 3: System Settings



Press 1: Voice Settings



Press 1 : open the voice  
Press 2 : turn off the voice

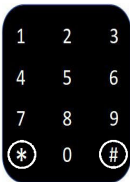
## 8. Unlock mode settings

(Unlock mode: Only restrict user information)

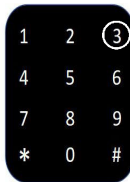
There are two unlocking modes:

The first type: Single unlocking (referring to unlocking with just one user information)

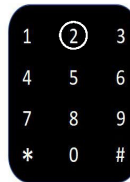
Second type: Combination unlocking (referring to the need for two different user information to unlock)



Add administrator information: \*#  
Verify administrator information  
(password #/ fingerprint/card) Enter  
Settings mode



Press 3: System Settings



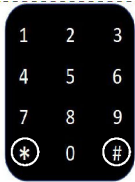
Press 2: Unlock mode



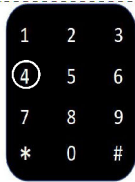
Press 1: Single Unlock  
Press 2: Combination unlocking

## 9. Restore factory settings

### Restore Factory Settings: Method 1



Add administrator information: \*#  
 Verify administrator information  
 (password #/ fingerprint/card) Enter  
 Settings mode

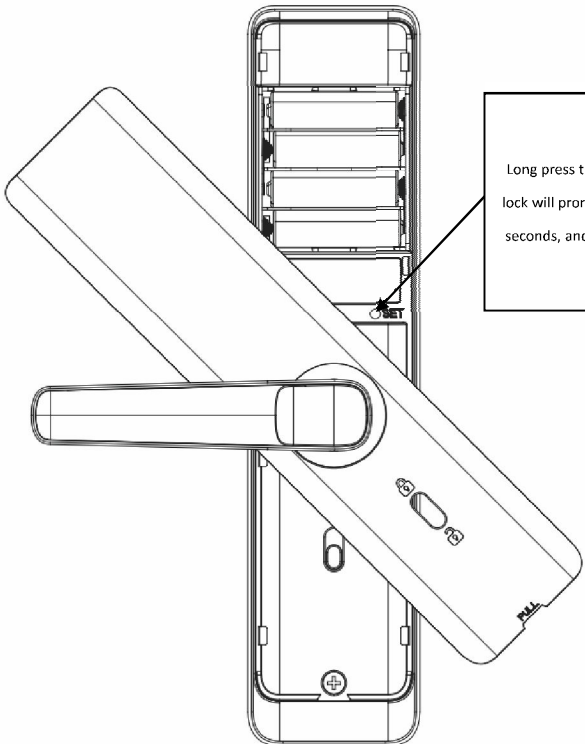


Press 4: Restore factory settings



Please enter administrator information:  
 Password#  
 fingerprint  
 card

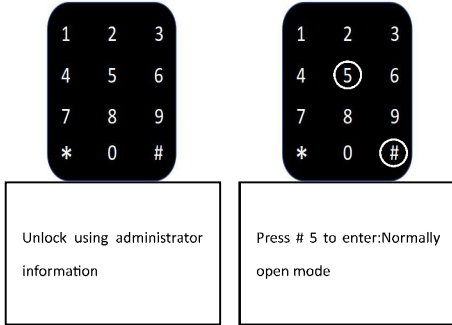
### Restore Factory Settings: Method 2



Long press the initialization switch for 6 seconds, and the door lock will prompt to confirm by pressing the # key. Wait for a few seconds, and the door lock will prompt to initialize successfully

## 10. Normally open mode

Cancel normally open mode: Use unlock information to verify and exit normally open mode



## 11. Other notes

- 1) Input the wrong password more than 5 times in a row, the keyboard lock for 30 seconds, it does not respond to any operating system in 30 seconds.
- 2) Password peeping prevention function: input password as follows when opening the door with password: XXX password XXX; you can add some extraneous codes before and after the password, and then press # to confirm. The password must be included in the input contents.
- 3) If there is no operation more than 10 seconds, system will automatically exit.
- 4) After the voltage is lower than 4.8v, the lock will automatically alarm every time when it is opened. After the alarm, the lock can be opened for 200 times. After the number of times exceeds, each unlock delay is 5 seconds, new batteries must be replaced before the number of times available.
- 5) When normal open mode is off, press 5 # successively, and the voice says "please enter unlock information". After entering the unlock information, the voice says "normal open mode, please pay attention to locking".
- 6) When normal open mode is on, press 5 # successively, and the voice says "normal open mode closed".
- 7) Back locking function: After pressing back locking key, the voice says "the door is locked". Now, ordinary users cannot open it, and only administrators can do so.



# AIDO Operation Manual

## Matters need attention

1. Door lock AIDO WiFi function is only supported : WiFi2.4Hz

Note: (Generally, 5G router will have two WiFi bands. If your router is in the dual-frequency integrated state, you must separate the 2.4G-5G signal, and connect the mobile phone to 2.4GWiFi to connect the door lock.)

2. The AIDO WiFi connection did not successfully try to restore the door lock to the factory Settings and try again

3. Attention: Before connecting to the APP, the door lock needs to have administrator information added in order to connect. Do not enable anti lock permission

## Download the app

Application support : AIDO Smart



AIDO SMART



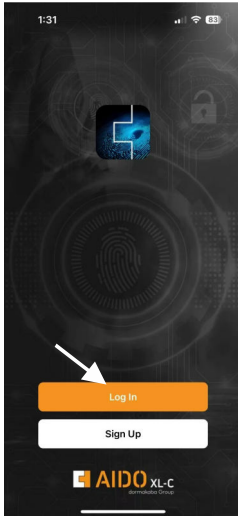
Please scan the code or search for the app name  
to download the app

## Application for unlocking mode

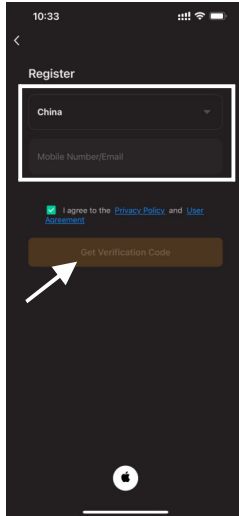
1. Remote unlock
2. Temporary password
3. Application can be added (family / user)

## Connect door lock AIDO smart

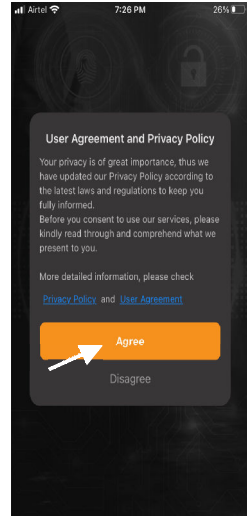
1. After installation (application), register an account and log in



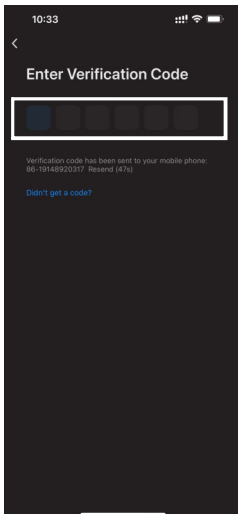
1



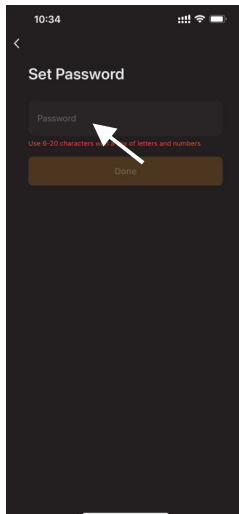
2



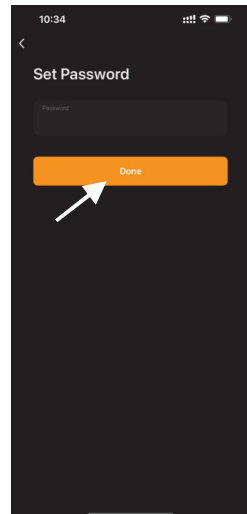
3



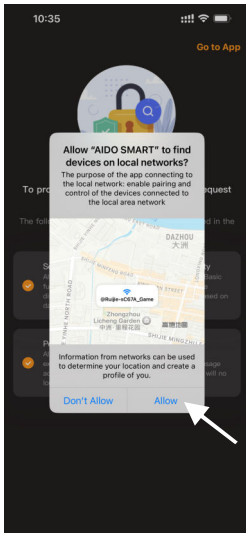
4



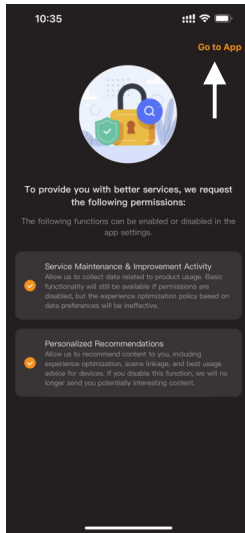
5



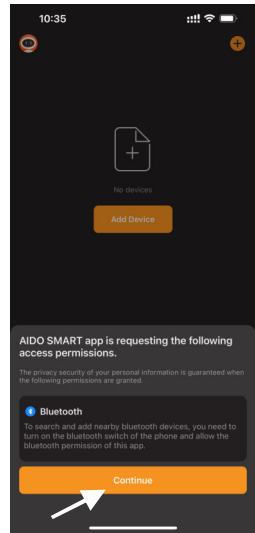
6



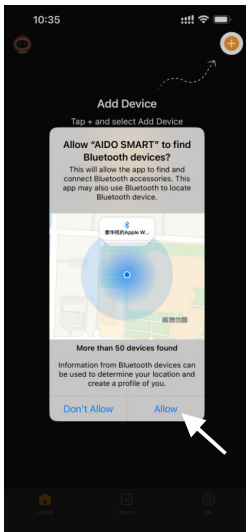
7



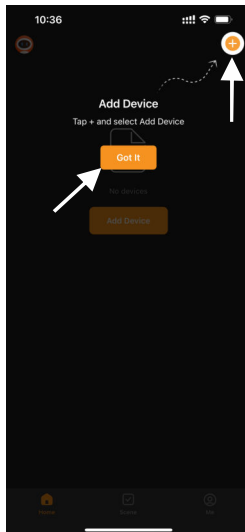
8



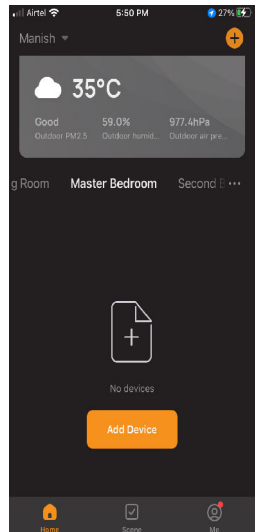
9



10

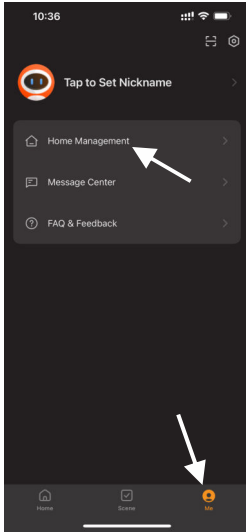


11

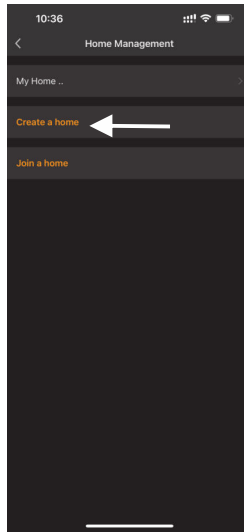


12

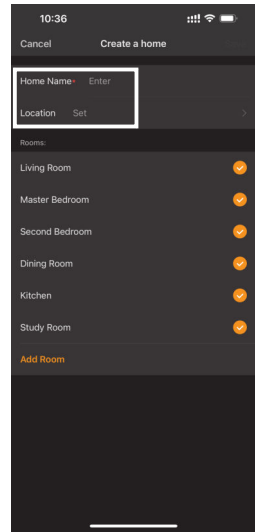
## 2. Log in to your account and create a family



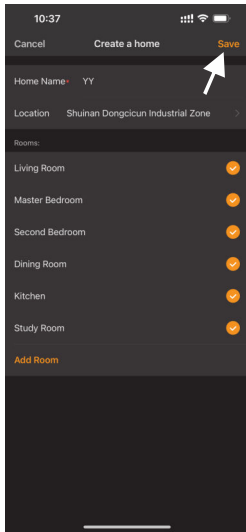
1



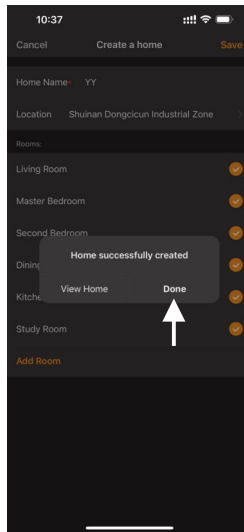
2



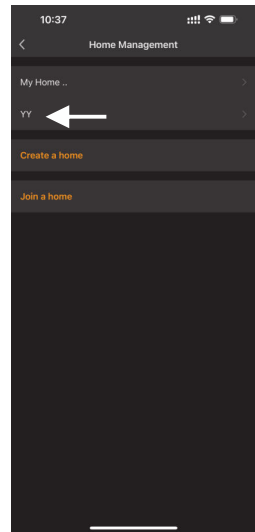
3



4

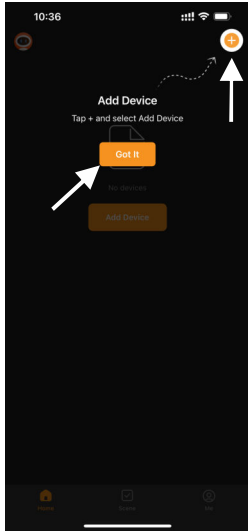
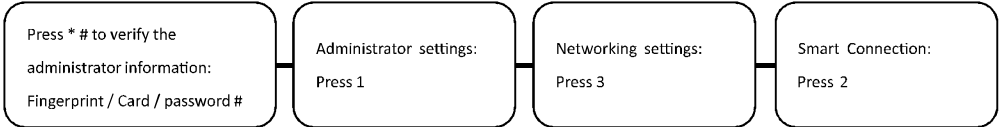


5

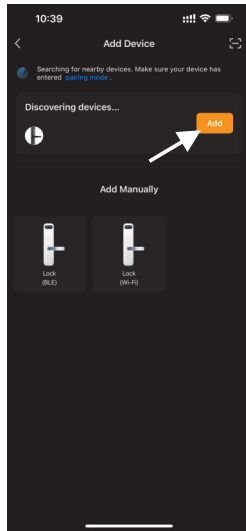


6

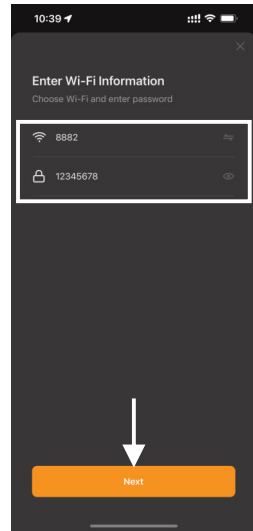
Operation door lock: Enter the setting mode to start (start the distribution network)



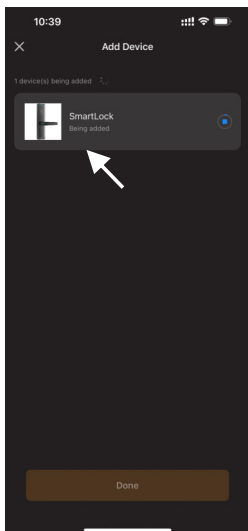
1



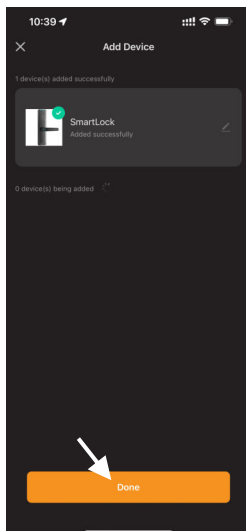
2



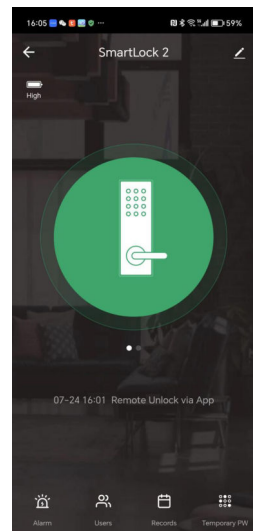
3



4



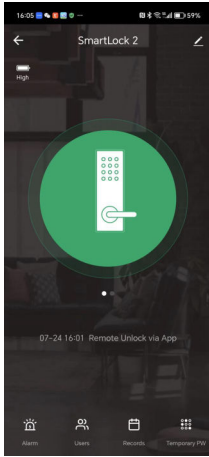
5



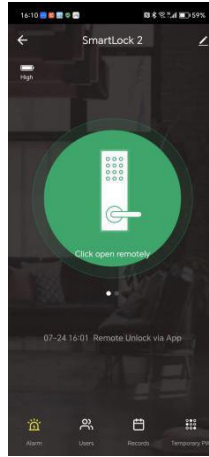
6

## Remote unlocking

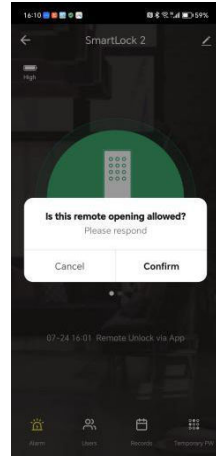
Operation method: Ring the doorbell to request remote unlocking



1



2

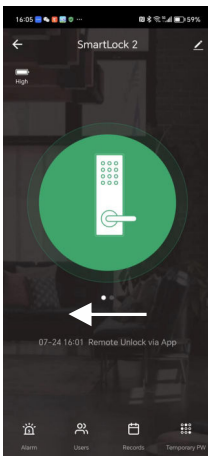


3

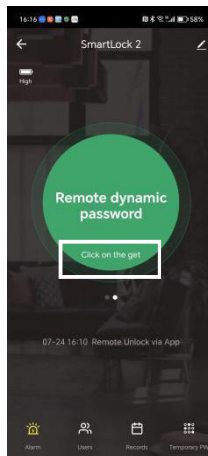
## Get dynamic password

Dynamic password: valid for 5 minutes

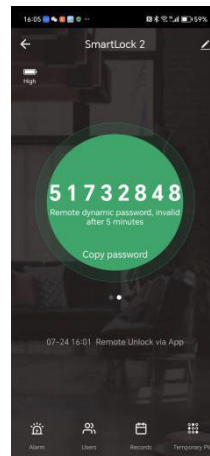
Slide to the left on the door lock marker to enter the dynamic password page



1



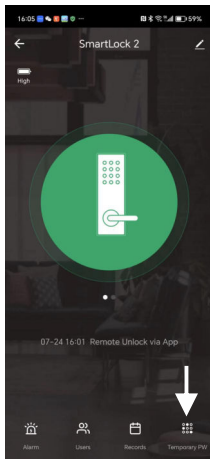
2



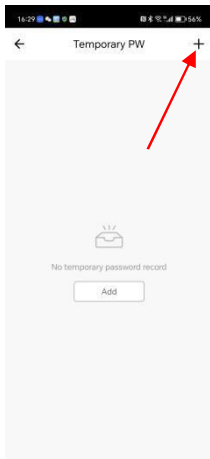
3

# Generate: Online temporary password

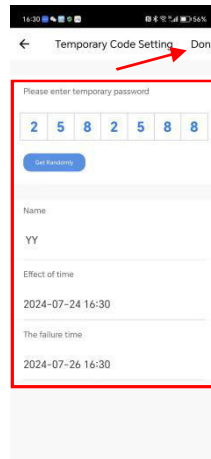
Note: To generate the online temporary password, you need to manually wake the door lock. Wait 3 seconds and then drop down the app page to update the status



1

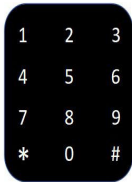


2

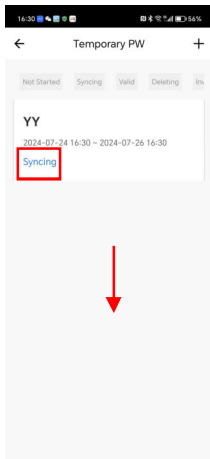


3

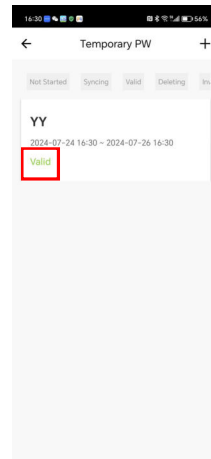
Manually wake up the door lock



4



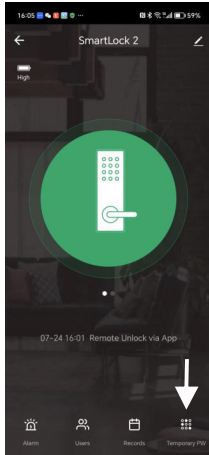
5



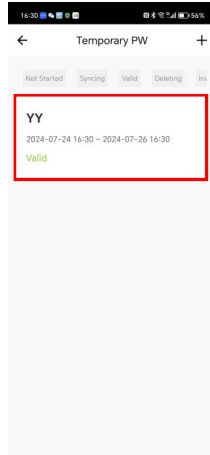
6

## Delete: Temporary online password

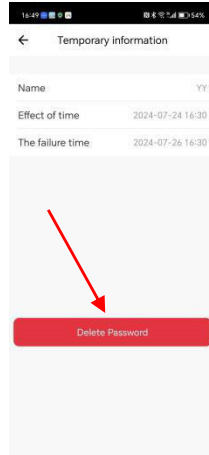
Delete: Online temporary password required (manually wake up the door lock), wait for 3 seconds, pull down the app page to refresh the status



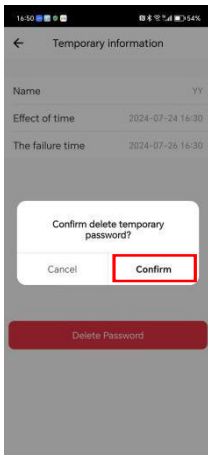
1



2



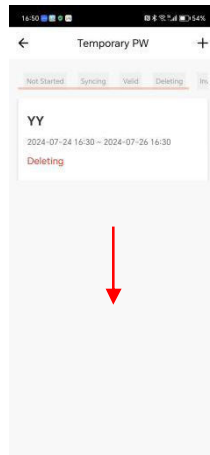
3



4



5



6



7