



V1.31 Edition
1 September 2021



Face Recognition Door Lock
User instruction Manual

Dear user,

Thanks for purchasing the smart face lock

To improve the quality of life with innovative technology, to create the world's most outstanding, most innovative products so that enterprises become the industry benchmark. We always adhere to the "quality survival, service and development" business philosophy. In the intelligent lock industry, all constantly improve the product quality system. our company keep up with the pace of the times. We always walk in the forefront of the industry, and and always steadfastly protects the people's property safety! From products to service, we always pursue to provide you with a full range of intimate and comfortable service!

Thank you for your support for smart face lock!

Disclaimer:

We have done our best to ensure that the information provided in this manual is correct and reliable, but we cannot fully guarantee errors before and during printing. Sometimes we in order to improve the performance, reliability and safety of components and systems, may upgrade the product, which may be somewhat inconsistent with the contents of the manual, but does not affect the actual operation, if there is a change is not known, please understand! Our company will update the content regularly. If you have any questions, please call our company to answer. The final interpretation of the entire contents of this manual is the right of the Company. The functions described in this statement are not used as a reason for the use of this product for special purposes and the Company shall not be liable for accidents and hazards caused by the customer's improper operation.

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Safety and precautions

- Smart door lock as a high-tech products, the installation of good or bad directly affect the normal operation and service life of the door lock, it is recommended that you install the door lock after the room has been decorated, please choose to ensure the quality of personnel to install, the factory strictly according to the company's installation standards for operation
- Do not use in environments with strong radiation, high magnetic field, and high temperature with corrosive substances, so as not to affect the performance and life of the smart lock.
- Please initialize the door lock as soon as the door lock installation is completed and restore the lock to the initial state. And please set your electronic key Settings immediately after initialization to prevent others from illegally opening your door lock.
- To ensure your safety, please check the key box carefully when you get the lock.
- Please properly protect your self-set electronic keys and mechanical keys.
- In order to better feel the convenience and advanced of the company's products, please carefully read this manual before use, if there are any doubts, can directly to the company's customer service center or headquarters service center, the company has professional technical personnel for your eyes, to ensure your use of rest assured.
- If you need to know more about the company or your instructions inadvertently lost, you can log on to our website for inquiries and downloads.
- Please please take my company's web address to your computer, in order to find our company's service information and product description at any time

Functional features

Verify

Verification supports face, palm veins, fingerprint, IC card, password, mechanical key and WeChat program dynamic code and other ways of authentication. After the user has successfully verified, the lock is on and the door is locked again after five seconds (time can also be adjusted to 3 seconds)

The following authentication mode is supported to unlock:

- Face
- Palm veins
- IC Card
- Password
- Fingerprint
- WeChat Mini Program
- Mechanical keys
- The combination mode unlock

01. Support face, Palm veins, IC card, password, fingerprint, mechanical key, WeChat Mini Program seven single door unlock, also can set the combination of door unlock, face, palm vein, IC card, password any 2 mode combination of unlock.

02. large storage capacity, this product can store 100 faces, 100 sets of palm veins, 100 sets of fingerprint, 20 sets of cards, 5 sets of password, 100 sets users

03. this product uses standard Heaven -Earth straight lock body, the use of flexible extension function is strong, can choose the heavens and the earth pole device

04. This product left and right open direction of the free interchange

Note

- This lock only supports M1 cards, does not recognize other types of cards
- This lock does not support dual identification card mode, for example, cards on other products, it can not be used for face recognition lock.

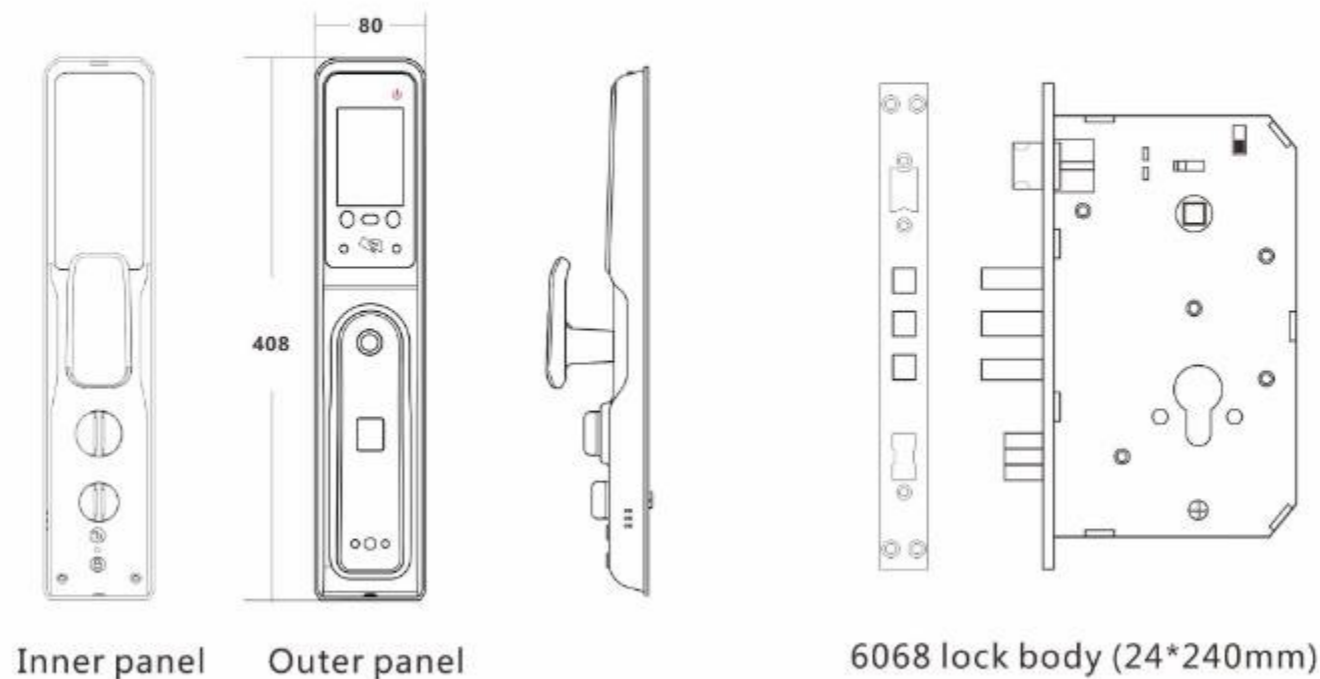
Configuration list

	Picture	Accessories	Quantity	Remark
1		6068 lock body	1pcs	Sidebar 24*240MM (Optional)
2		Door buckle plate	1pcs	30*260mm (Optional)
3		Door buckle box	1pcs	24*203*23mm (Optional)
4		Lock body and door buckle plate fixed	4pcs	MAX14mm
5		Lock body and door buckle plate fixed	8pcs	MAX25mm
6		Middle fixing screw of the buckle plate	2pcs	MAX5mm
7		Latch	2pcs	Mounted on knob assembly
8		Knob square	1pcs	knob for anti-lock
9		IC card	2pcs	If lost, please cancel on the smart lock
10		Lock cylinder	1pcs	store separately, do not put in the envelope
11		Cross recessed countersunk head screw	2pcs	M5X35mm
12		Cross recessed countersunk head screw	2pcs	M5X50mm
13		Cross recessed countersunk head screw	2pcs	M5X65mm
14		Cross recessed countersunk head screw	2pcs	M5X80mm
15		Installation stud	2pcs	8x37.5mm
16		Panel fixing shaft	2pcs	5.5x45mm
17		Panel fixing shaft	2pcs	5.5x60mm
18		Panel fixing shaft	2pcs	5.5x75mm
19		Quick-opening Square sheet	1pcs	8x100mm
20		Square sheet push spring	1pcs	

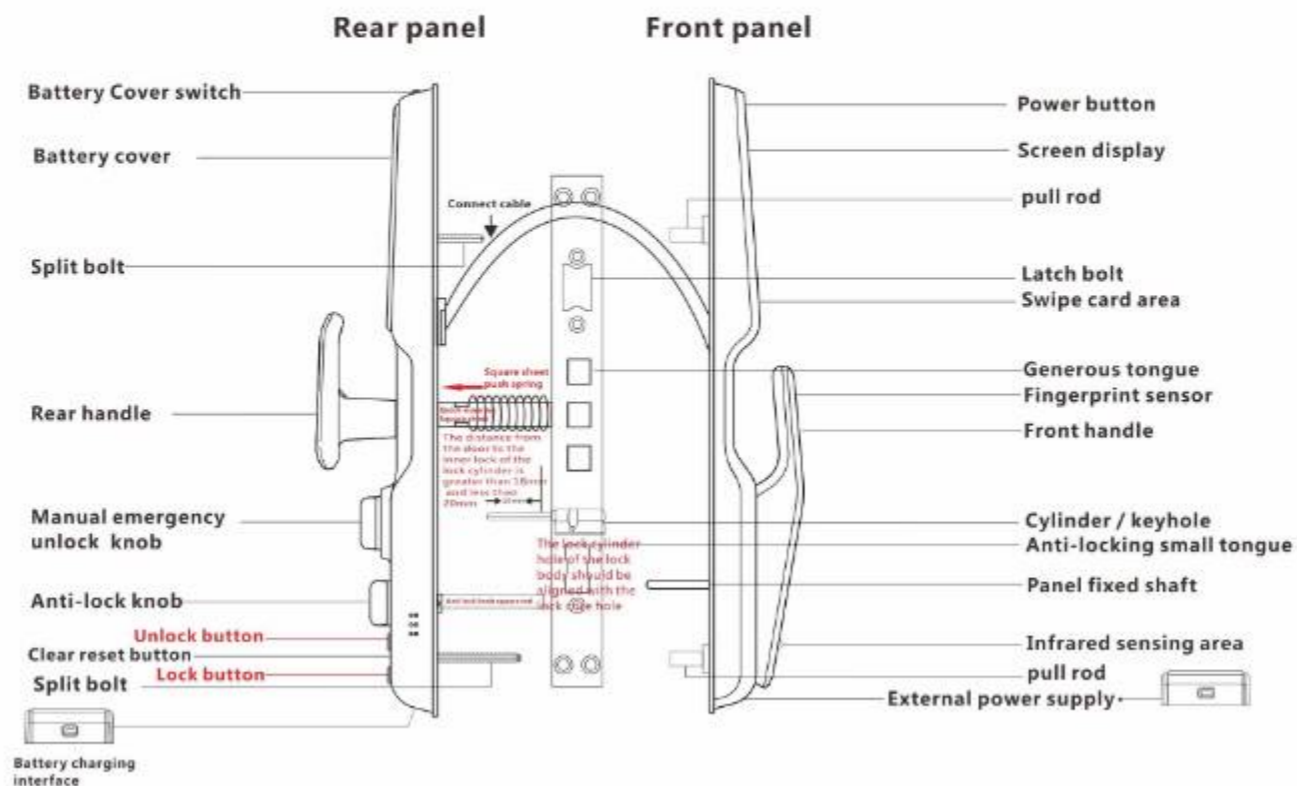
Factory without lock, optional

Thank you for purchasing the smart Lock series, when you open the box, please check the inside. If you find that the above contents are missing from the box, please contact the local dealer as soon as possible to ensure prove your use.

Appearance dimension drawing



Door lock installation structure diagram



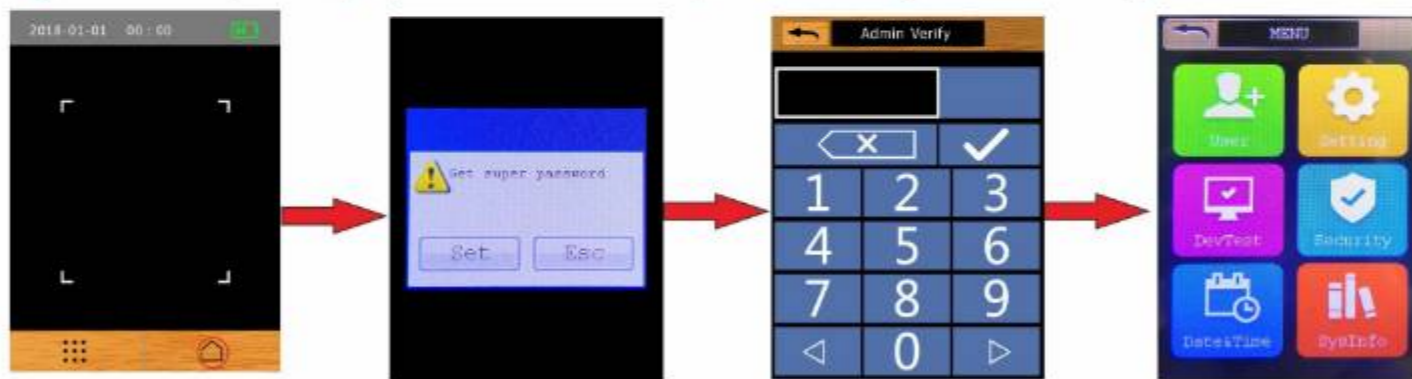
Instructions for use

1. The door lock can be used when there is no registration state, and face recognition and password can be used to open the door.

⏻ Boot up

After the first boot, please set it according to the icon "🏠" in the lower right. A super password box will pop up in the interface, as shown below

Note: Need to set first, then enter the super password "123456" then press "✓" and finally enter the new six digit super password 3 times, every enter a 6 digit code should click "✓" to operate next group password. When input complete, you goes straight to the menu function, operating other registered users, and super password have the supreme authority of smart locks, please don't leak!



Please follow the voice prompts to operate !

2, enter the menu

2.1. has set up the administrator

The user touches the upper right corner "⏻", the smart lock is turned on into the authentication interface. Click the menu key "🏠" in the lower right corner of the screen, and if an administrator is already enrolled (the default registered user number 1-5 is an administrator), the smart lock screen will prompt to verify the administrator's identity, as shown below



The user verify the administrator's successfully to enter the menu (verify by face, palm vein, password, or IC card)

A. User setting

The user setting menu is used to add users and to select the user management interface at the touch of a button on the LCD screen. The user setting interface consists of a list of "new users" and added users. Click "New users" to add new users. Click any one ID numbers in the list of added users to enter this user editing interface for editing.

[Add New Users] menu:

- 1, Job number: each user has a unique number, this number is automatically generated by the system, can not modify in the user setting
- 2, Name: set the user name for new user
- 3, Permissions: set the user as an administrator or ordinary user
- 4, Palm vein: add the user's palm vein
- 5, Face: Add the user's face
- 6, Fingerprint: add the user's fingerprint
7. Password: add the user unlock password
8. 8, card code: add user' s IC card
9. Delete

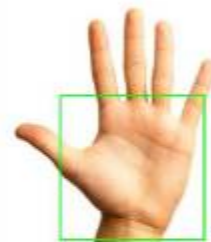


Please press the up and down icon to move ,then can select the desired verification method to set up registration

Add new user: 1 job number 2 name 3.permission

4, add the palm vein

Enter to add "palm vein" interface, the system voice prompt "Please put the palm in the green box", as shown in the following image



Place your palms in a green box After the user hears the voice prompt, the palm will be entered parallel to the camera 20-35CM distance, and the system captures the information of the user's palm .Please pay attention to the "di" sound to indicate that the palm vein information is being captured.If the palm position does not meet the requirements, the system stops the capture ("di" sound interruption), re-position the finger in the correct position, and the system restarts to capture the palm vein information. em begins to capture again Palm vein information.

Note: When the palm vein is recognized, need to be stretched out and the five fingers are separated (do not hold your fingers together)

5, add face

Go to add face interface , in order to get the correct frontal features of the user, the system will voice the "Please look at the camera".



After the user hears the voice prompt, the screen displays the camera real-time image and moves The face places the eyes in the green box in the screen. The face level to be entered Line camera 30-50CM distance. Note that the system emits a "drop" sound indicating positive Capturing facial images. If the facial position does not meet the requirements,The Council stops capturing(the "drop" sound is interrupted) and restores the face to correct Set, the system restarts to capture facial information.

6, add fingerprint

Enter to enroll fingerprint interface .When enrolled once,then menu will show successfully and show "√", After entering the fingerprint registration three time ,It will appear "successfully " window .and system voice prompt" Enroll successfully ".

7.Add password

Enter to add password interface ,and input the same password (4-8 digits) twice , please click " √ " to save .As shown picture I



Picture I



:Picture II

8, add IC card

Enter to enroll card interface ,the system will auto prompt "please swipe card ", put the card near the IC card sensing area ,After identifying the card code and clicking settings, the system automatically read and saves the card information .

Note 1: Permission Description

The system default No. 1-5 for administrator , when the user adds an administrator, the administrator can use face, password and other any one mode to login in menu .

Note 2: Delete user

Select any registration number in the user list, you can go to the user's editing interface, click "9. Delete" to remove this user from the system

B, Device settings

Can change some parameters of the smart lock in the Device settings menu.

1. Ordinary settings

1.1 Language: Set the language of smart lock menu display and voice prompt. Includes Simple Chinese, English, and traditional Chinese.

1.2 Date format: Format the date display.

1.3 Volume Settings: Set the volume of the smart lock prompt language. The rating is numbers 1-8.

1.4 Battery voltage: The battery voltage used by the smart lock. Users use it with caution !

2. Advanced settings

2.1 Delete all records: Delete all access records saved in the smart lock system.

2.2 Delete all users: Delete all registered user information saved in the smart lock system.

2.3 Recovery factory setting: the smart lock system of the parameters are restored to the factory state.

3. Communication settings (The standard setting 's menu with this function, but can not be used, it is optional network module then can use .

3.1 Add network

3.2 Delete network

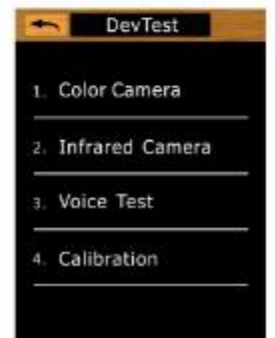
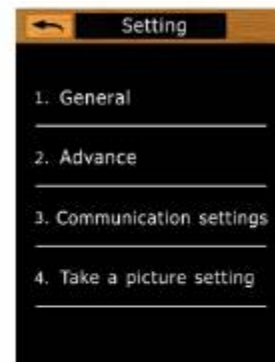
3.3 Network on (on/off)

4. Take a picture setting

4.1 Invalid Photo Yes/No

C, Equipment test ,user caution!

Equipment Test the menu is used by technical engineers to inspect equipment.



D. Security settings

1. Super Password: Set up and modify smart lock super password , it has the highest privilege of smart lock, do not disclose. **Users use it with caution!**

2. Infrared switch: set the smart lock human induction switch.

3. Human induction distance: set smart lock human induction of high, medium and low three gears.

Users use it with caution!

4. Human induction time: set the intelligent lock human induction time fast, slow.

5. motor torque: set the intelligent lock motor torque of high, medium and low three gears.

Users use it with caution!

6. Motor turnaround time: set the smart lock to control the signal length of the internal unlocking motor .

Users use it with caution!

7. Rotary time : set the rotation time of the intelligent lock motor after unlocking **Users use it with caution!**

8. Opening direction: set the intelligent lock control internal lock motor forward, reverse state.

Users use it with caution!

9. Timed lock: set the smart lock unlock, automatically return to standby state (locked) the length of time, in seconds.(Set between 5 to 40S, set time of 0, turn off the timing lock function)

10. Tamper button: set the switch for smart lock tamper alarm .

11. Confirmation: Set the opening method for a single mode unlock or combination mode unlock

E, time settings

Time setting: The date and time used to set the current clock for the smart lock.

F. Device information

Device Information menu is used to view the information of the equipment

1. Total capacity

Used to view the capacity of device registration information that a device can accommodate

2. Registration information

The registration information of the registered user in the device

3. Record viewing


Used to view information about the lock record in the device.

4. Equipment information

Used to view the algorithm version of the device, firmware version, and so on.

Additional instructions

(1) The system will automatically exit after more than 20 seconds of operation in the menu interface

(2) In the power-on interface ,if more than 10 seconds without operation ,it will automatically turn off the screen standby, then need to press again  to boot up.

The keypad of rear panel 's handle section

(1) The front button of the rear panel handle position of the door lock is divided into unlock button, locked button and clear button (The front key has one middle hole).


(2) Unlock button: short press unlock key can open the door lock (voice prompt : please open the door)


(3) Locked button : short press lock key can close the door lock (voice prompt : door locked)

(4) Clear button : smart lock power-on case, long press Clear button 3 to 5 seconds. It will pop up the initialization prompt box, click Yes/ No initialization success, smart machine voice prompt "restore factory settings", click cancel will be directly returned.

Door lock outer panel section

(1) infrared light wake-up function: people close to the infrared lamp 30 to 50cm can wake up the face part, such as unlock or lock after 20 seconds before you can wake up the face part again.

(2) Doorbell key: Touch the doorbell icon to prompt the door bell, as shown in ""

(3) Locked button: touch the anti-lock icon to close the door lock (voice prompt: I wish you go out safely), as shown in picture 

WIFI function (optional) needs to add WIFI module

I. Official Wechat Account Connection

1) Search and connect the "Youzhiyunjia" official Wechat account, and enter it, as shown below

2) Click on "WeChat Control", If you have registered the account then direct login, otherwise register and then log in, as shown below



3) The first login in, it needs to be set "security password", its mean remote unlock, as follows:



4) After logging in, enter the device settings of the door lock menu, enter the communication settings menu, select WIFI to open, then click to add WIFI, lock motherboard setting WIFI module "hot spot connection" time-out time is "3 minutes", over time need to re-click the switch activation.

5) Click on the upper right corner "+" to add the device, as shown below:

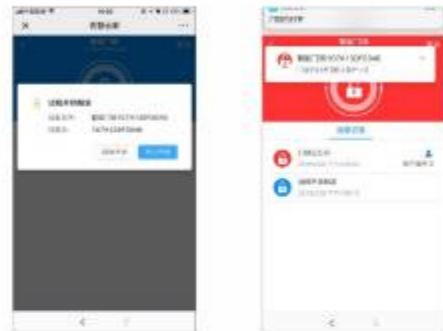


6) At this time, Wechat back to the back of the phone, enter "setting --- WIFI list", operate the fingerprint lock into the "hot spot connection", at this time the WIFI list will appear in the "CloudHome" open WIFI name, select the connection, enter a fixed password "11223344" (or do not enter a password to connect),

after the success of the connection, some Android phones will appear, "This WIFI is not available", Please select "still use this network", switch the official Wechat account, appear the corresponding WIFI list, select the WIFI to use, select the WIFI to use, and enter the correct WIFI password, as follows:



7) As shown above, the door lock was added successfully. When the door lock input "1+√" in password interface, the APP normally receives the lock's message and remote unlock, as shown in the following image:



8) Delete the user----- enter device settings in the door lock menu ---- the communication settings , select WIFI to delete, Or click more in APP, then click more setting , click to delete setting , also delete device , as shown in the following image:



App remote unlock (Optional)

(1) Download the APP. Use WeChat, UC browser and other software to scan the packaging of the QR code, download the "Youzhi Yunhome" APP



优智云家 APP 下载二维码

2) User registration/login. For the first time, you need to register a user, enter a mobile phone number or email address to register users; If have account , user can login in directly .



3) After logging in, enter the device settings of the door lock menu, enter the communication settings menu, select WIFI to open, then click to add WIFI, lock motherboard setting WIFI module "hot spot connection" time-out time is "3 minutes", over time need to re-click the switch activation.

4) Make sure that your phone is connected to the WIFI name that begins with "CloudHome", open the "Youzhiyunjia APP", click on the "My" page-----" My device "-----upper right corner "+" button ----- Add door lock . Here's the picture:



5) Click the next step to set up the graphical password interface, set your unlock password twice according to tips and then click on the "next step" to start configuring WiFi hotspots (hot spots in your own home).



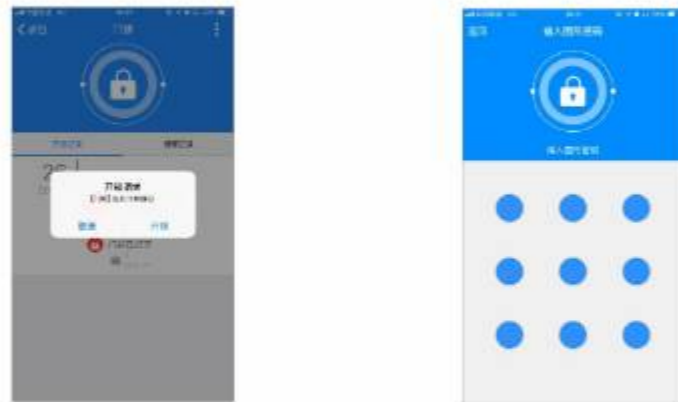
6) When it connect door lock successfully, it will di-di twice and prompt to add successfully and the user's ID number on the panel, please remember the user ID.The user ID is a voucher used to specify who will unlock it in the future. , (added the first phone for the administrator phone), while the APP will show the newly discovered device,If the device is not connected to the network, try to re-operate and add it again in the APP.

(7) After the device is added successfully , according to the guidance of the APP, select the device to add the room where the device is located. You can add to an existing room, or create a new room as needed. You can then start using the device normally.Here's the picture:



(8) Remote unlock

Remote unlock operation , enter "1 + V" , triggers a remote lock-opening request. Here's the picture:



Additional instructions

- (1) The system will automatically exit after more than 30 seconds without operation in the menu
- (2) In the power-on interface, more than 10 seconds without operation, it will automatically turn off the screen, need to press the power key to wake up again
- (3) In the upper left of the main interface, show the time date

Smart lock password WeChat Mini Program



微信扫一扫，使用小程序



智能临时密码界面

1. Access to the smart temporary password Mini Program interface
2. Enter the super password of the lock (6 digits password)
3. Enter the super password after clicking to start, the Mini Program automatically generates 8-bit temporary dynamic password effective for 5 minutes.
4. Click on the main screen " ⏻ ", enter the main interface, click the lower left corner " ⋮ " input temporary dynamic password, verify to open door.

Note: The Mini Program generated password without time management version , it should only be used when the smart lock is not powered, the system time and the real time difference! Please user change battery to reset system 's time .

Note :The Time and date on the Phone must be the same as the face smart lock .

Cats Eye using instructions(OPTIONAL)

1.Button: the device with 3 button -- Confirm, Up, and Downward;
 Confirm: Functions confirm;
 Up: Upper, Shot picture or records video(Under the video mode, this button can be start and stop, if picture mode, it as shot picture).
 Downward: downward, menu

2.Operation instructions

A, Press the Doorbell icon device turn on. Long press "downward" button(if under video record, please press "Up" stop video first, and then press "Downward" and will show the menu as picture 1.

Once the menu as picture 1, press "Up" " Downward" choose the sub menu, press confirm button. Enter into "Picture" bar, browse the pictures been stored, press "Up" or "Downward" change the picture. Enter "Video" bar to play video, press "Up" "Downward" change the video, and press confirm button to start play.



1

Enter "Setting" bar as the Picture 2

Press " Up" "Downward" to choose the column need to amend, then press "Confirm" button for confirm.After amended, long press "downward" return to main menu, long press again for close. Long press "confirm" exit menu program, return to camera status.

In the state of no menu, such as the default machine for recording mode press "Up" button to pause and start recording, if the machine in camera mode press "Up" button to take photos.

B、 Press "confirm" in the shutdown state to boot into the camera screen.

C、 Press the doorbell button when the machine is turned off to take photos or videos and play the ring tone.If you press the doorbell button in the boot state, the machine repeats the ring. Press the "confirm" button and the machine will not record or take pictures, nor play the ringtone.

Power-on photography or video recording is determined by setting the current working mode of the machine, which is in the mode of photography or video recording.

3.Reset In case of failure due to improper operation or other reasons, the machine can be forced to reset and shut down by pressing "Confirm" and "downward" at the same time.Press the doorbell or "confirm" button to turn on.



2

lock using

Power

1. Support lithium batteries or external power supply
2. Battery life depends on battery type and usage habits. Experimental test conditions can be used for 4-5 months.
3. Emergency external power supply: USB mobile power supply (5V)

Emergencies

1. In any case, the door can be opened from the room. Open the door from the outside and it must be verified before it can be opened.
2. You can't verify:
 - a: you are using card or password, but you have lost or forgotten.
 - b Power off or the battery is not powered, in which case the lock cannot be started.
3. In any case, the mechanical key can be unlocked. If your battery is not powered and can't open the door, you can use the 5V USB mobile power bank into the emergency unlock through the emergency external power outlet.

Note: The emergency external power outlet only allows 5V mobile power supply to start up.

User permission level

1. Facial recognition lock supports 2 permission levels: ordinary account and management account.
2. Ordinary account can unlock, but can not manage the door lock, can not register users or change other functional operations.
3. Management account has full permission control for door lock, can be added, modified, deleted or other functional actions, administrator support by face recognition / palm vein / IC card / password recognition verification.

Warranty Card

The Company provide life-long maintenance for the sale of products, from the date of purchase within one year, the company provides free warranty service; If the following cases are not held for free warranty services:

- (1) If there is no product warranty card or valid purchase voucher, the warranty card and purchase certificate do not match the product;
- (2) Damage caused by human factors, including use in an abnormal working environment, damage caused by the use of a non-stated manual, etc.;
- (3) The user's private dismantling, self-repair, modification or maintenance by a non-authorized unit of the Company or other irresistible factors damaged*

User name	Contact Tel
Address	
Model No	Lock cylinder No
Serial No	
Purchase date	Install date
Supplier	
Contact address	
Contact Tel	
Dealer address	

Note to users:

In order to protect your Legal rights, please keep the service card and the relevant purchase voucher, to protect your Legal rights in warranty services, warranty card once modified will be invalid

System parameters

Unlocking mode: Face, palm vein, fingerprint, IC card, password (combinable mode unlock) WeChat Mini Program dynamic code and key
 Static current: 50 microamps
 Operating current: 300 mA (high drive capacity)
 Capacity of open faces: ≤ 100
 Capacity of open palm veins: ≤ 100
 Capacity of open fingerprints: ≤ 100
 Capacity of open passwords: ≤ 5
 Capacity of open cards: ≤ 20
 Camera: Infrared and Color Camera
 Display: 3.5-inch TFT touch LCD
 Start-up time: < 1 second
 FAR: 0.0001%
 FRR: 0.01%
 Recognition speed: 0.5 seconds
 Low voltage alarm: 6.8V
 Power supply voltage: 8.4V lithium battery power supply
 Emergency power supply: 5V/2A (charge treasure available)
 Working environment:
 Identification distance: 30 to 80cm
 Humidity: $< 80\%$
 Temperature: -20 to 60 degrees
 Suitable for door thickness: 45-90MM