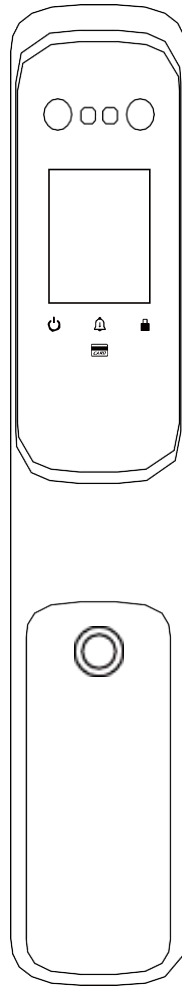


Face recognition smart door lock



User Manual

Please read the product manual carefully before installation and keep it properly.

Product technical parameters

Storage : 100 faces、 100 palms、 100 IDCard、 100 Fingerprints、
100 Password

unlock record : 10000

Display Resolution : 2.8inch TFT True Color

Face recognition speed : <0.5second

Face recognition Failure rate(FAR):0.00001% ;

Face recognition Rejection rate(FPR):0.01% ;

Comparison time : <1 ,secondunlocktime : <1.5

Operating Voltage : DC 6.9V~8.4V

Lithium battery capacity 4200mAh

Low battery indication : 7V , 6.8V

Emergency power supply : 5V power bank

Working current : 250mA~500mA

motor current : 600mA , Momentary locked-rotor

current 2A , Highest peak 4A Static operating

Static operating current : $\leq 60\mu\text{A}$

Operating temperature : 15%-95%

一、 Product introduction

Please read the operating instructions carefully before use, and strictly follow the instructions during installation. After installation, please carry the spare mechanical key with you to avoid accidental failures.

Attention:

1. please charge the battery if low battery indication to ensure that the lock can be used normally
2. If the battery is flat, please use the power bank to connect with USB cable to the emergency power port to unlock
3. If not used for a long time, please remove the battery
4. Just in case, please bring the mechanical key with you or outdoors places, which can be used for emergency unlocking

Unlock key type	Quantity	Slot	Remarks
administrator	3	1~3	The administrator can be register with face/palm /fingerprint/password/card
Normal user	97	3~100	Normal user can be register with face/palm /fingerprint/password/card

二、 System operation instructions

function description of the Button :



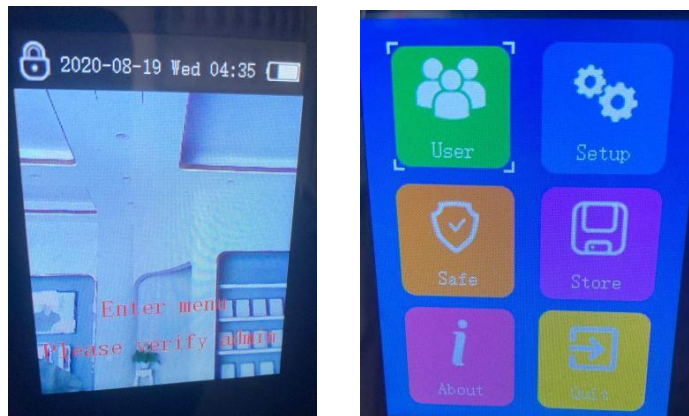
The standby button function: Power Door Bell Menu / Double Lock

Scan IC Card on the Card Icon

1、 Enter administrator mode :

Swipe on the screen , press # , Verify administrator , Enter the system menu directly after verify success

if without any user registration, No administrator verification required, swipe on the screen, press # to go in system menu



system interface

user : add user, edit or delete user

setting : General & Advance Setting

Safety : Group management, Highest authority, Daily unlock, Tamper warning, security mode setting

Storage : Storage details, unlock record, snapshot, user edit record ;

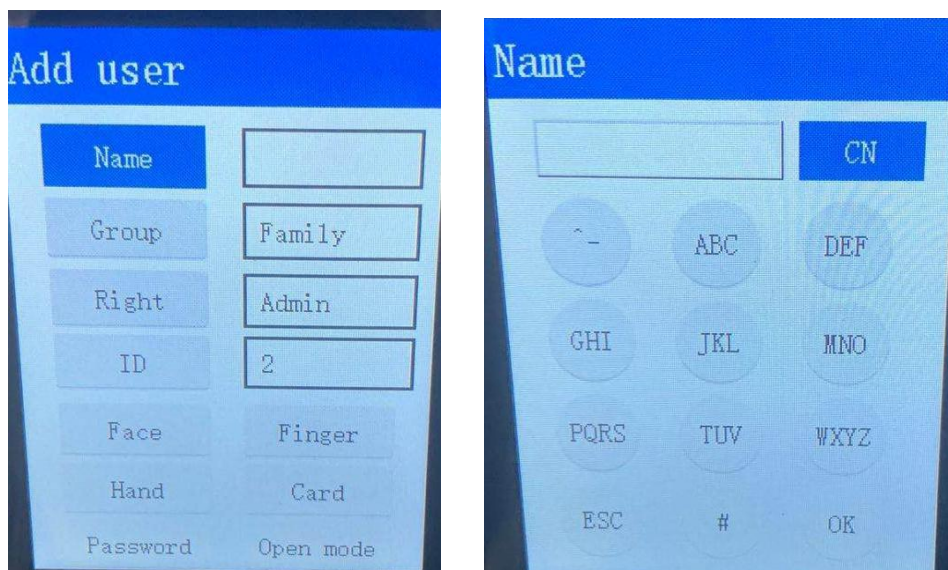
about : System information

Exit : Exit to System interface

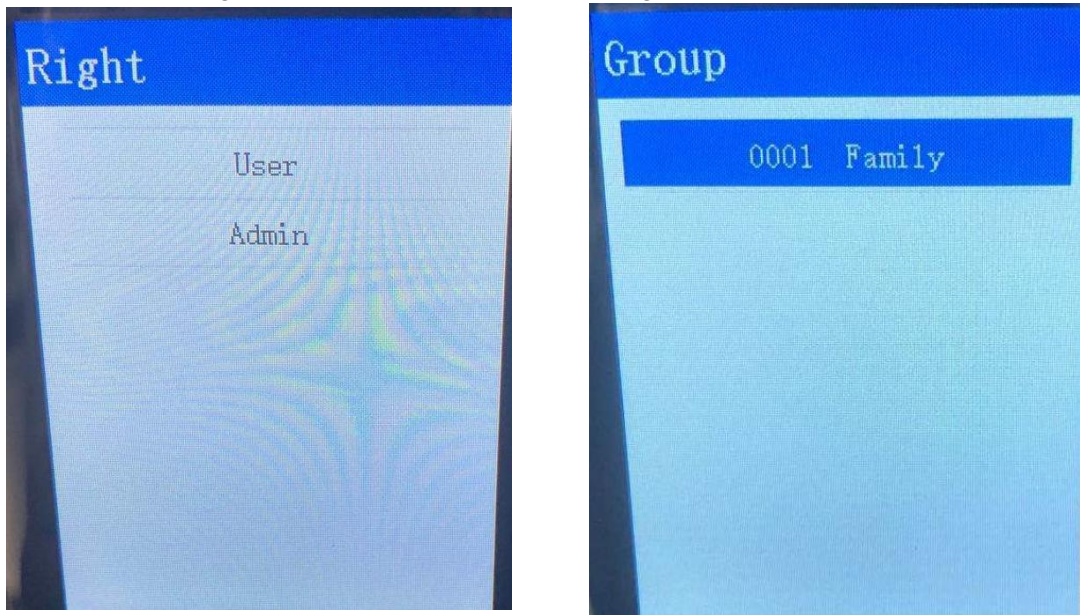
2. User Management

Press user and enter the user management interface, the main functions are to add users, edit users and delete users

1. Add users



- ① press "Add users" for user' s interface
- ② press "name" for input user' s name , input with Chinese, English or Number, press CN to change. Choose an input method, input name, press OK choose what needs to be entered, press ESC once complete input
- ③ Enter the group selection interface, select the desired group, and press the return key to complete the group setting
- ④ Enter the permission setting interface, select the required permission, click the back button to complete the setting. There are two types of permissions, normal users and administrators. By default, there are only 3 administrators, and the others are normal users.
- ⑤Door opening mode, any method and combination methods, the system defaults to any mode, you can select any two verification unlocking methods of "combination unlocking mode"



For first time registration must be an administrator, unable register as normal user.

•**Data clearing and system reset:**

Method 1: Press the rear lock setting (clear) button, and the screen prompts: "Confirm to restore factory settings", press the "#" key to clear all data and restore the factory settings

Method 2: Press "#" to verify that the administrator enters the system and initializes

·Default setting, First 3 registered user rights as administrator

•Face Capture:



The effective distance 30cm~80cm, Verification distance 40cm~100cm

Require 8 time scans of the face for registration. Please place the face in the middle of the LCD and start collecting data. For the best result, please follow the arrow icon left, right, up and down to matches the face direction. Do not move during face scanning. the same person can register two different user names. For example, when the product is used in a semi-outdoor environment and is affected by sunlight, the last one is to register a user when there is sunlight.

• **Palm Capture:**



The effective distance 20cm~40cm Verification distance 20cm~40cm

Palm registration, you need to scan the palm 8 times during registration. Please keep the correct posture during the registration. The scanning green frame appears in the middle of the screen and start to collect the palm data. You can move forward and backward during the registration. blue progress bar appears below
While scanning, stretch out palms and five fingers, try to keep and balancing the palm in the middle of the display screen.

•Password registration:

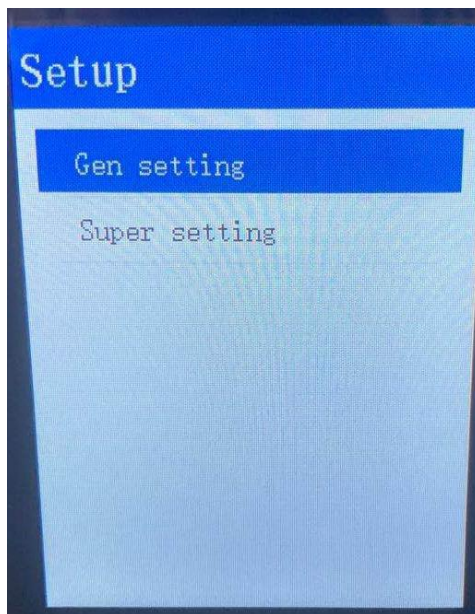
Click the password button to enter into interface, enter the password (⚠ Attention: Required 6-12 digit and 2 times password confirmation)



IC Card Registration:

Place IC Card on the Card Icon. New IC Card user will display on the screen, press OK to save.

2. Management Settings



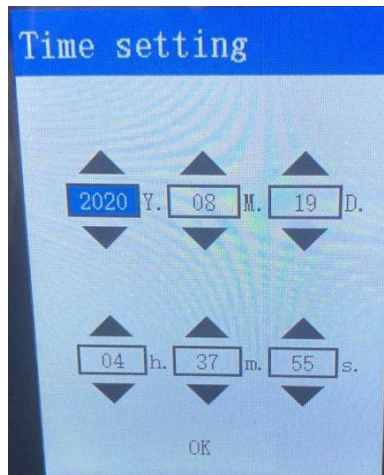
Click settings: enter the settings management interface, mainly general settings and advanced settings

General settings: time setting, volume, unlock delay, language switching, door lock setting, human body induction disabled 30S

Advanced settings: Factory reset, upgrade firmware, upgrade data files

2.1 General Settings

time setting



Click the time setting button to enter the time setting interface

Enter the year, month, day and time information, and use the OK key to switch among the year, month, day, hour, minute

After all settings are completed, click the back button to complete the settings

• **Volume Settings:** Mute, Low, Medium, High

• **Lock settings**

Oblique lock tongue tension: adjust the lock body tension, low, medium and high three levels adjustable. When installing, you can start the test from the low level first, and select the level that can lock or close the door (Note: the higher pulling force, higher power consumption as well); after the selection, system will start automatic learning before complete the setting, otherwise it cannot be complete.

Rear panel sound: Set the rear panel sound to ON, OFF; when set to ON, the rear panel sound is on; when set to OFF, there is no sound from the rear panel

Door opening direction: You can choose to open the door left or right. after the selection, system will start automatic learning before complete the setting, otherwise it cannot be complete.

Door lock self-learning: According to each different specific lock body, the system will auto learning based on daily usage EG: duration of unlocking. Without need to do adjustment in manual way

Automatic locking delay time: Set the timer for the door lock to automatically lock after unlocking, duration between 15-300 seconds, the default duration is 15 seconds; when it is set to a number between 15-300 seconds, the device will be automatically lock accordingly.

Human body induction disabled 30S

The setting options ON & OFF, when setting ON, the lock will unable to scan or light up again within 30-60 seconds after Face recognition successful unlock.



2) Advanced Settings

① Factory Reset Settings

Click the Factory Reset Settings menu, a pops up box to confirm Factory Reset settings, click OK to Factory Reset, delete all records, all users, and all data in the user management, security management, storage management, volume, and Human body induction is restored to factory state

. Safety management

Security mainly provides group management, anti-dismantling alarm setting and identification mode setting functions

3.1 The role of grouping: add new group, edit group and delete group

3.2 Anti-demolition alarm: The anti-demolition alarm setting is used to turn on and off the device anti-demolition function

3.3 Authentication method: Configure the user authentication method (ON or OFF), the authentication methods include: face, palm, password, fingerprint, IC card

When the verification method is OFF, the recognition method unable to entered and recognized, and it will be prompted that the recognition method unable to use during entry and recognition;

When there are identification methods entered by the administrator, these identification methods unable to turn off

Storage management

Store and manage user' s records and display user information, door unlocking records, snapshot data, and user increase or decrease data content

•Storage details

The summary shows the current number of device user registrations and the number of test methods, the number of captured door locks and the number of door unlocking and closing times

•Door unlocking record

You can view the door unlocking records of each user: the number of times the door is opened, the door unlocking date, and the door unlocking time. Store up to 10,000 user unlock data

•Snapshots

View the specific information of all snapshots data. After the user fails to identify three times in a row, the device will automatically take a photo and save it and record the capture time

•User data

User data download and upload, used for data synchronization of different modules

•User edit record

view the information of the entered user

•Standby usage

Under Stanby status: fingerprint unlock

•usage notice

When using the face smart lock, please keep the infrared camera mirror sanitary; when the system prompts "replace the battery", please charge the battery in time; if you continue to use it, the battery will be out of power and the machine cannot be turned on. At this time, external (USB) power supply is required, input the password function to unlock after jump start.

•Precautions

Face and palm cannot be recognized if the infared it' s not light up

The screen will blank if the camera not function;

Without balance the camera during installation, may cause the poor recognition:

it will be difficult for camera to recognize or unable recognize if you are under strong sunlight,

You need to block the sunlight with your hand;

Direct sunlight hits the infrared camera, may cause difficult to recognize or cannot be recognized,

You need to block the sunlight with your hand.

Network setting

1、 Please initialize the smart lock before use, and then carry out network distribution operation according to the operation guide ;

2、 Search and download Smart Life App or Tuya App ;



Scan and download (smart life) APP , the APP is subject to the actual released version.

3、 Open the APP, create a new account or log in to an existing account ;

4、 Refer to the manual and enter the administrator user ;

5、 To add a device, first connect your phone to a 2.4G WiFi router ;

6、 Operate the smart lock, press the power key to wake up, press the lock key, the screen prompts "Please verify the administrator user secret key", verify the administrator user secret key to enter the menu.

7、 Menu operation path, in "Settings", "Advanced Settings", "Configure Door Lock WIFI". The lock is in the state of distribution network.

8、 There are two ways to add a device to your APP

(1) Automatic discovery: open the mobile phone location, enter the APP and click "Automatic discovery", "Start searching", wait 1-3 minutes to receive the smart lock device, and confirm the success of adding.

(2) Manual add: open "security sensor", "WIFI", confirm that the door lock is in the state of network distribution, enter the name and password of WIFI, click "OK", and then enter the connection state, wait 1-3 minutes, you will receive a device, click "OK" to network distribution success.

9、 After the network distribution is successful, the "doorbell" will trigger the remote unlock, and the mobile phone will receive a snapshot picture at the same time.

10、 Trigger the doorbell and start the indoor cat eye screen at the same time. Press the button at the bottom of the indoor screen in the sleep state to start and view the real-time video outside the door. Long press the button to close the indoor cat eye screen.