

Parameters

Conten	Spec
Power	DC7.4V
Low power alarm	<6.9V
emergency supply	5V (Micro USB)
quiescent current	<70uA (Add 40uA with Radar detection)
Work current	normal <100mA
	Face recognition: <500mA
	Motor running: <2A
Network	2.4G WIFI
Motor	8VDC
Keypad	13 capsense touchkey
Backlight	white
Front display	0.96 OLED
Front speaker	8R1W, ϕ 20mm
Back speaker	8R1W, ϕ 20mm
User capacity	350 (Face + Fingerprint + Password + Card)
Face capacity	100
Fingerprint capacity	100
Card type	Mifare/NFC
Card reading distance	0-40mm
Human body detection	Radar, distance 0.8m-1.5m
Face recognition type	3D
Operation temperature	-20℃~60℃
Operation humidity	10%~90%
Storage temperature	-30℃~70℃
ESD	Contact discharge \pm 8kV, Air discharge \pm 15kV

Product Function and Operation

1.Factory default mode

- ★ Any fingerprints/Password/Card can open the lock.;
- ★ Press touch keypad 888#, system will enter install menu.
- ★ Press the lock and unlock buttons simultaneously for 3 seconds, the system will be set to factory default mode.

2.System menu

Press touch keypad * + #, input administration information to enter system menu.
(No need to input administration information in factory default mode):

System menu

1.Add user	1. Add admin	
	2. Add user	
	3. Network	1.EZ Mode
		2.AP Mode
		3.SD Alarm [OFF]
	4. Add Face	
2.Del user	1. Delete by ID	
	2. Clear all user	
	3. Delete Face	
	4. Clear Face	
3.Options	1. Datetime set	
	2. Function set	1. Safe Mode
		2. Open Time
		3. AutoClose
		4. Body DIST
	3. Install set	1. Lock Dir
		2. Force
		3. Invert
		4. Tamper
	4. Factory reset	
4. Log/Lan/Voice	1. Quick query	
	2. Query by time	
	3. Language	1.Chinese
		2.English
	4.Voice	

3. Add user

◆Add admin

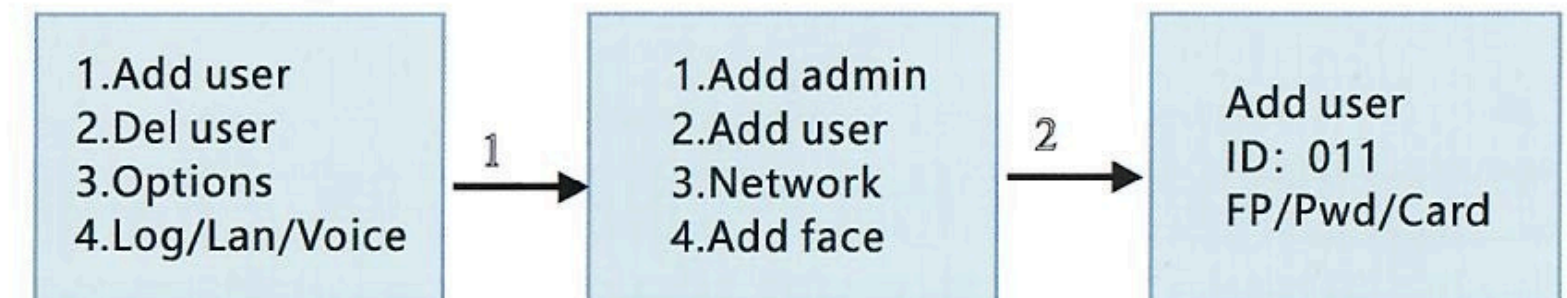


Voice broadcast: "enter administrator information"

You can input fingerprint, password or card. You need input 4 times for fingerprint. The password length is 6-12.

The max count of administration information is 10. The ID is 001-010.

◆Add user

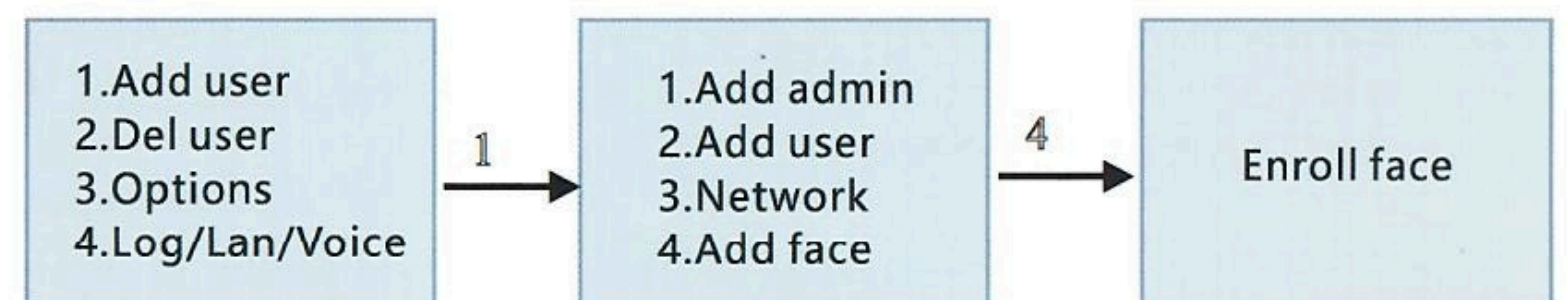


Voice broadcast: "enter user information"

You can input fingerprint, password or card. You need input 4 times for fingerprint. The password length is 6-12.

The max count of user information is 240. The ID is 011-250

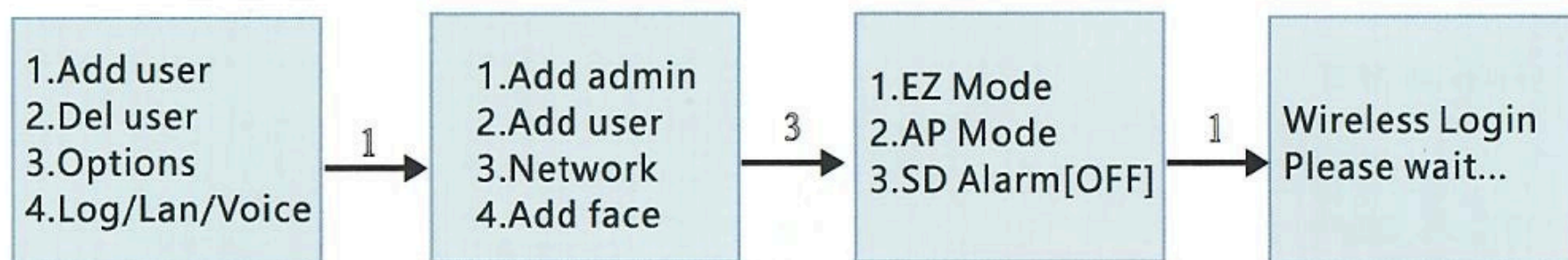
◆Add face



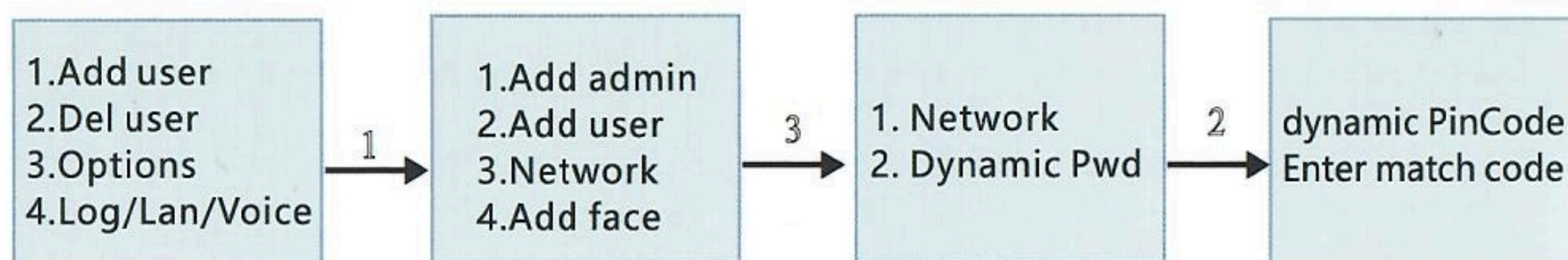
Voice broadcast: "Register face" , You need to capture face with five directions.

- 1) Face the camera first, voice broadcast: "Look up slightly" when capture successfully.
- 2) Turn your head slightly upwards, voice broadcast: "Look down slightly" when capture successfully.
- 3) Turn your head slightly downwards, voice broadcast: "Turn left slightly" when capture successfully.
- 4) Turn your head slightly to the left, voice broadcast: "Turn right slightly" when capture successfully.
- 5) Turn your head slightly to the right, voice broadcast: "Successful" when capture successfully

◆Network



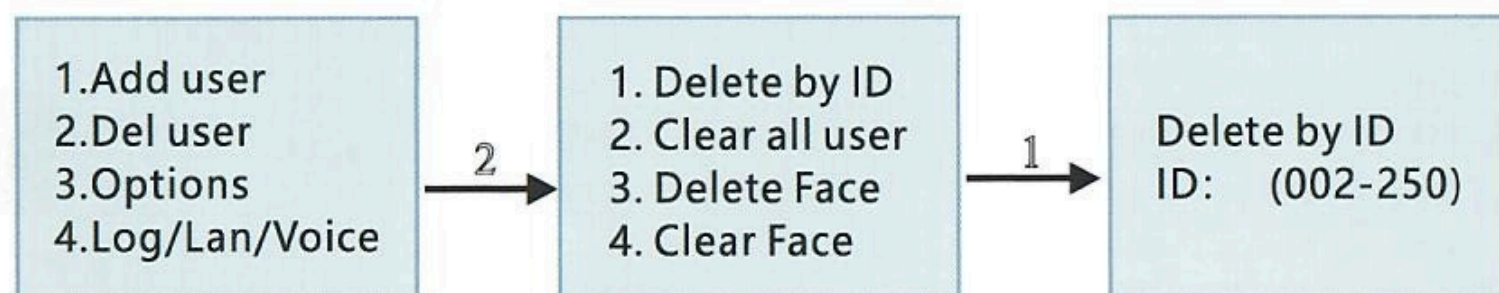
◆Dynamic Pwd



Please input the 10 digit match code from WeChat APP to finish the pairing operation.

4. Delete user

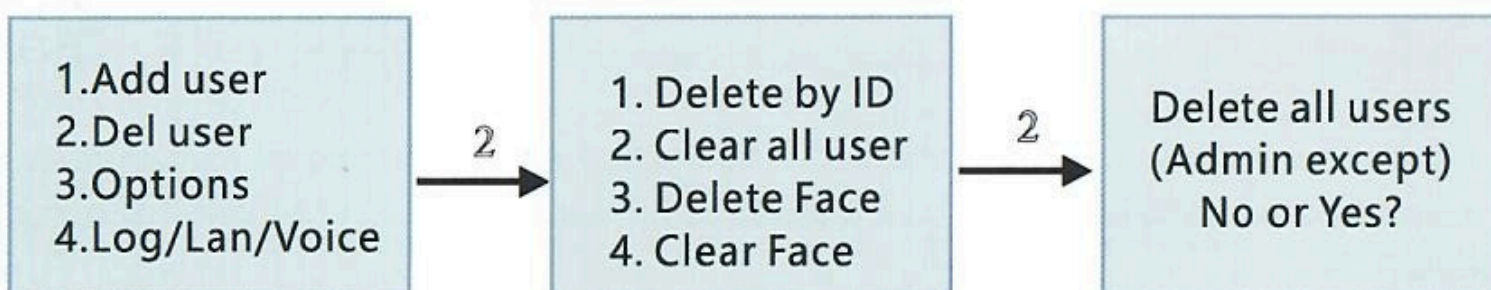
◆Delete by ID



Voice broadcast: "enter number"

Please input the user ID to delete, press # to confirm. If you need to delete the user with ID 001, you must reset factory default mode to do it.

◆Clear all user



Voice broadcast: "please confirm"

Please press # to confirm the operation , or press * to cancel the operation.

◆Delete face



Voice broadcast: "enter number"

Please input the face ID to delete, and press # to confirm.

◆Delete all face

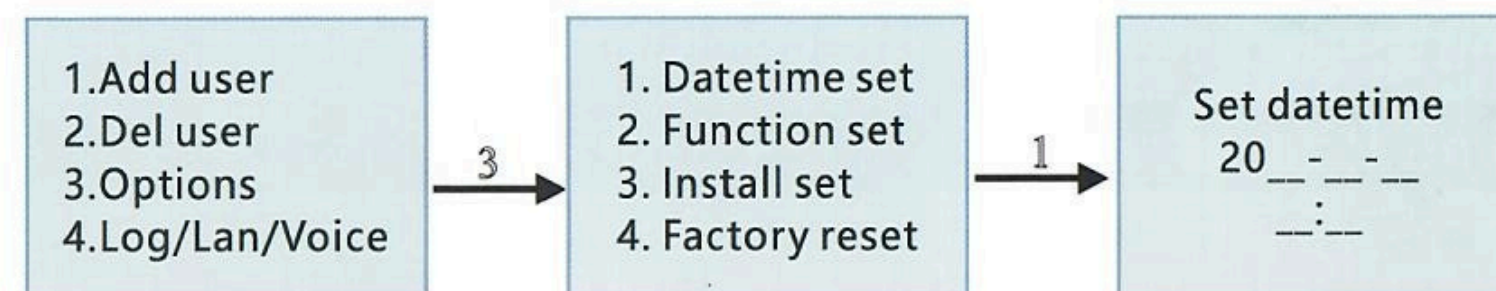


Voice broadcast: "please confirm"

Please press # to confirm the operation , or press * to cancel the operation.

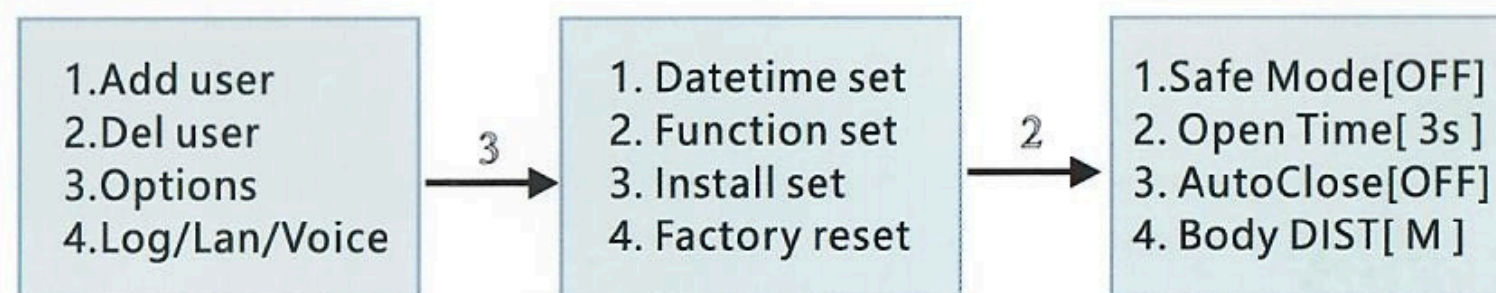
5. Options

◆Set date & time



Please input the current date and time.

◆Function set



Please press the corresponding number keys to set the functions:

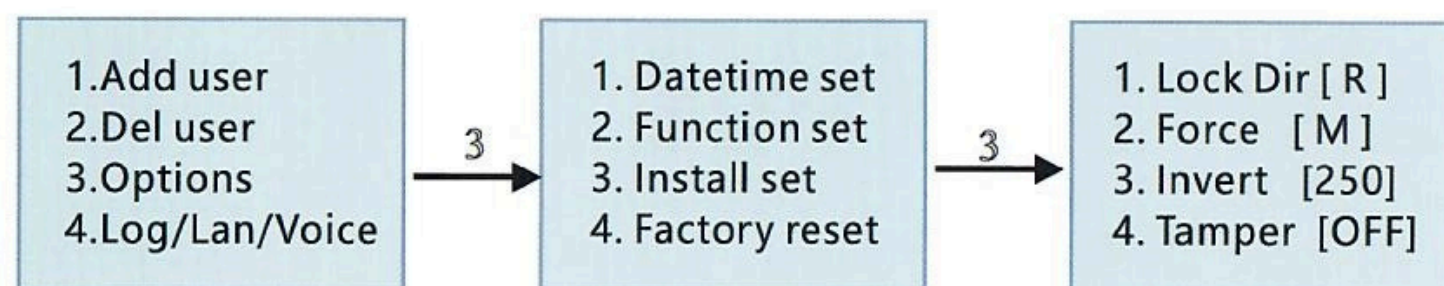
Safe Mode: In safe mode, the administration can unlock directly. For users, you must enter two user information to unlock.

Open Time: 2s-8s.

Auto close: OFF/20s/40s/60s.

Body DIST: Human body detection wake-up function.

◆Install set



Please press the corresponding number keys to set the functions (You can input 888# to enter install menu in factory default mode) :

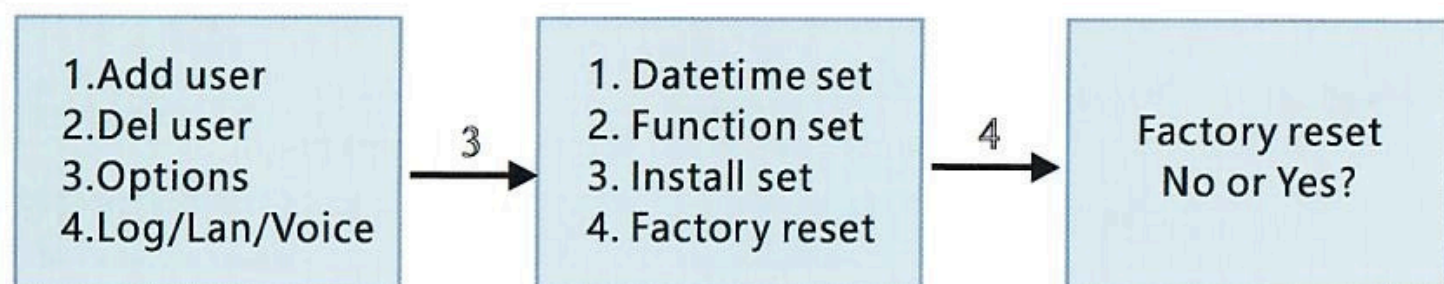
Lock direction: Left/Right

Force: High/Mid/Low

Invert time: 150ms-450ms

Tamper: Anti-prying alarm, ON/OFF

◆Restore factory Settings

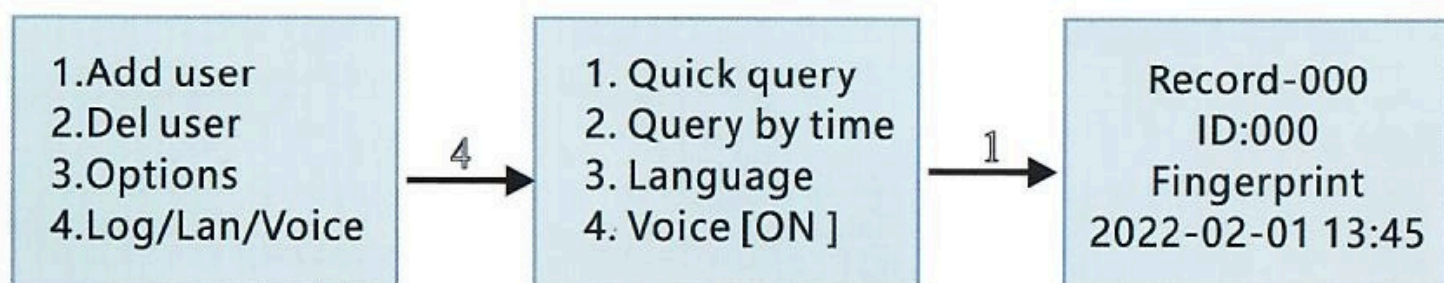


Voice broadcast: "please confirm"

Please press # to confirm the operation , or press * to cancel the operation.

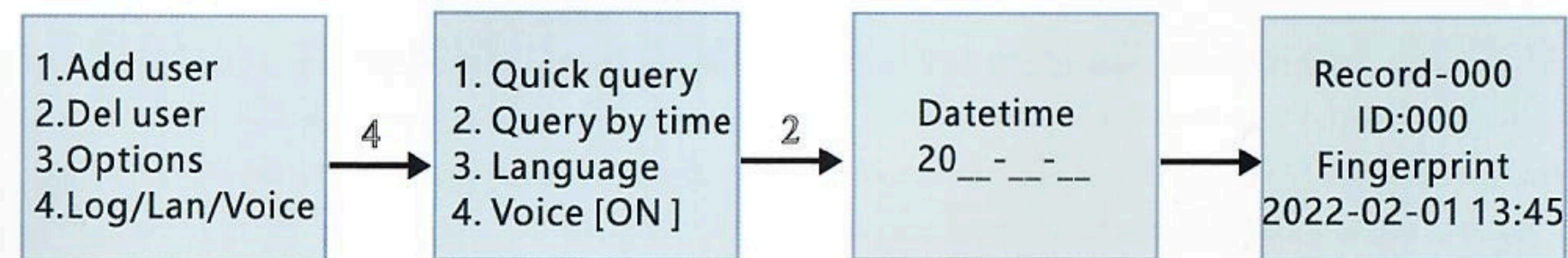
6.Log/Language/Voice

◆Quick query



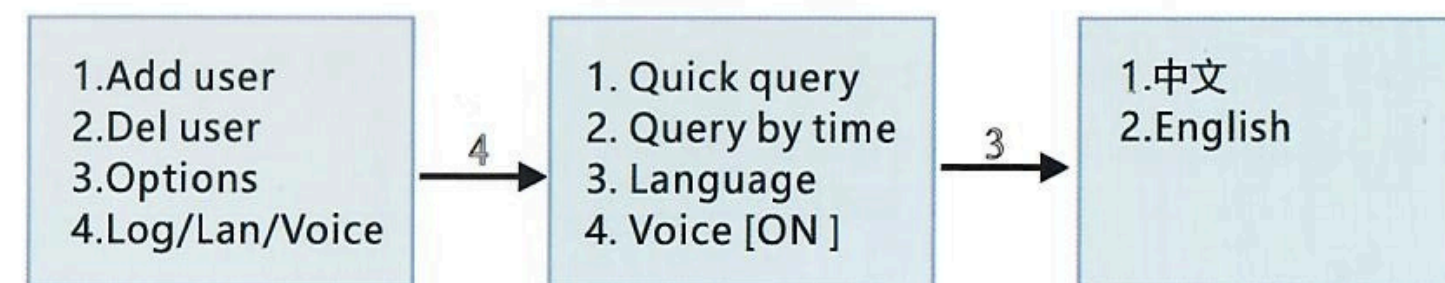
The door opening record is displayed starting from the latest record. Press 1 to view the previous item, and press 2 to view the next item.

◆Query by time



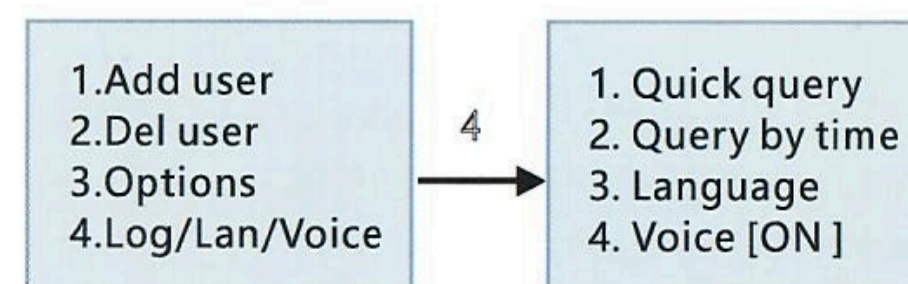
Please enter the record date you want to view. The door opening record is displayed starting from the latest record. Press 1 to view the previous item, and press 2 to view the next item.

◆Language



Press 1 to select the Chinese system, and press 2 to select the English system.

◆Voice



Please press 4 to switch the voice on or off.

7.Unlock and lock

- ★Unlock outside the door: Enter the authorized administrator and user to unlock. After the unlock is completed, voice broadcast "unlocked";
- ★Unlock inside the door: Press the "unlock button" on the lock inside the door to unlock, After the unlock is completed, voice broadcast "unlocked";
- ★Lock outside the door: Press "lock key" of the touch keyboard to lock. After the locking is completed, voice broadcast "locked";
- ★Unlock inside the door: Press the "lock button" on the lock inside the door to lock, After the locking is completed, voice broadcast "locked";
- ★Auto close: When the automatic locking function is activated, after executing the unlocking action the door lock will automatically execute the locking action after a set time delay. After the locking is completed, voice broadcast "locked";.

8.Human body detect

- ★The effective distance for human body detection can be set from 0.8 meters to 1.5 meters. When a person approaches the effective recognition distance, the door lock wakes up and begins face recognition.
- ★When the door lock is installed in an area where people often pass by, it is recommended to turn off the human body detection function to prevent the door lock from being frequently awakened by unrelated personnel, resulting in excessive power consumption.

9.Low voltage prompt and external power supply

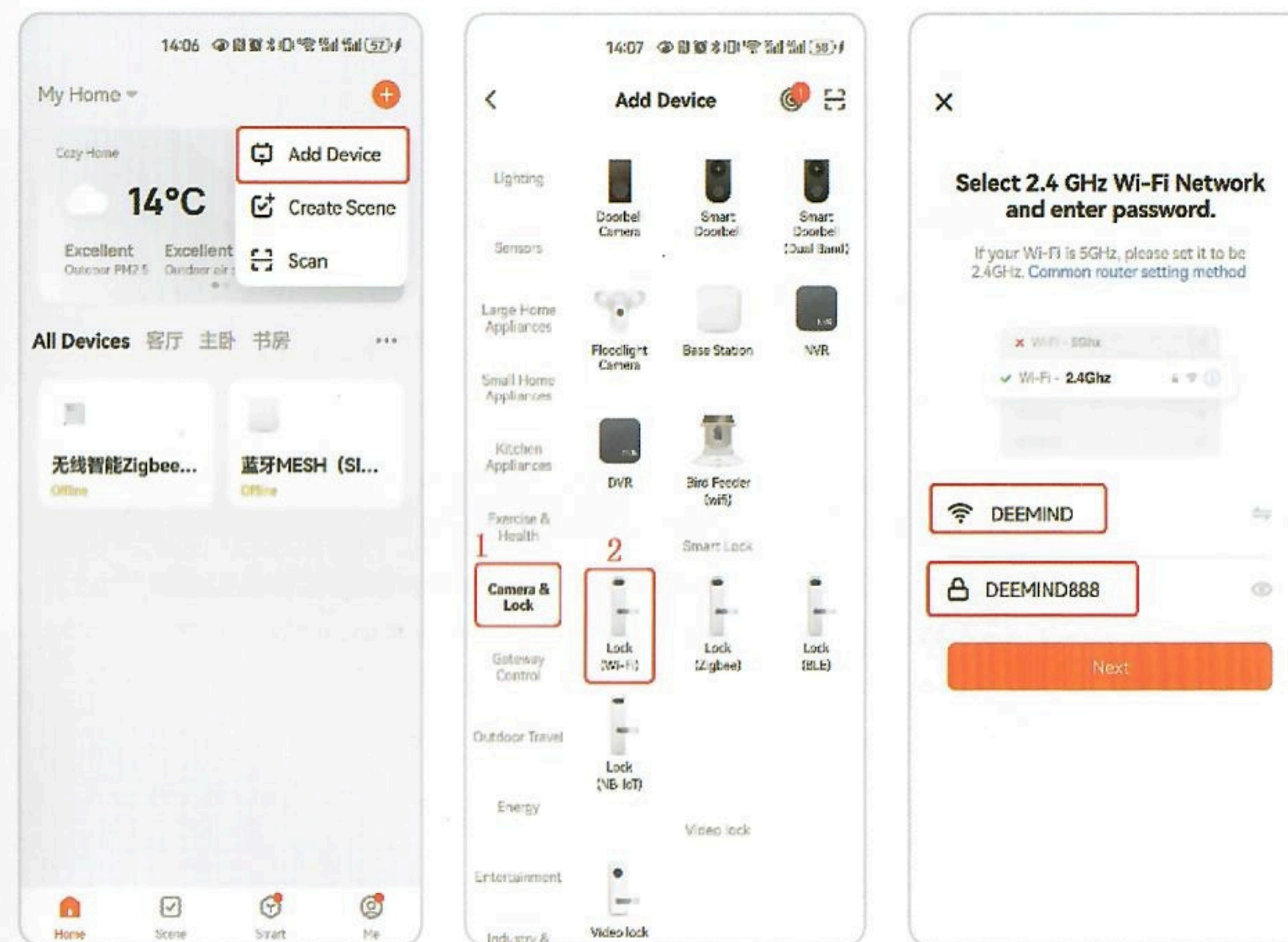
- ★When the voltage of the door lock battery is below 6.9V, the system will prompt "Please replace the battery" every time it wakes up. Please charge or replace the battery as soon as possible.
- ★When the door lock battery runs out and cannot be unlocked, emergency unlocking and charging can be carried out outside the door using a 5V USB power supply.
- ★Due to limited USB output current, if there is insufficient force and it cannot be successfully opened emergency charging can be performed for a period of time before attempting to unlock.
- ★The external power interface is only used for emergency unlocking and emergency charging, please do not charge for a long time.
- ★After emergency unlocking, please remove the battery and charge it with a dedicated 5V charger. After fully charging, continue using it.

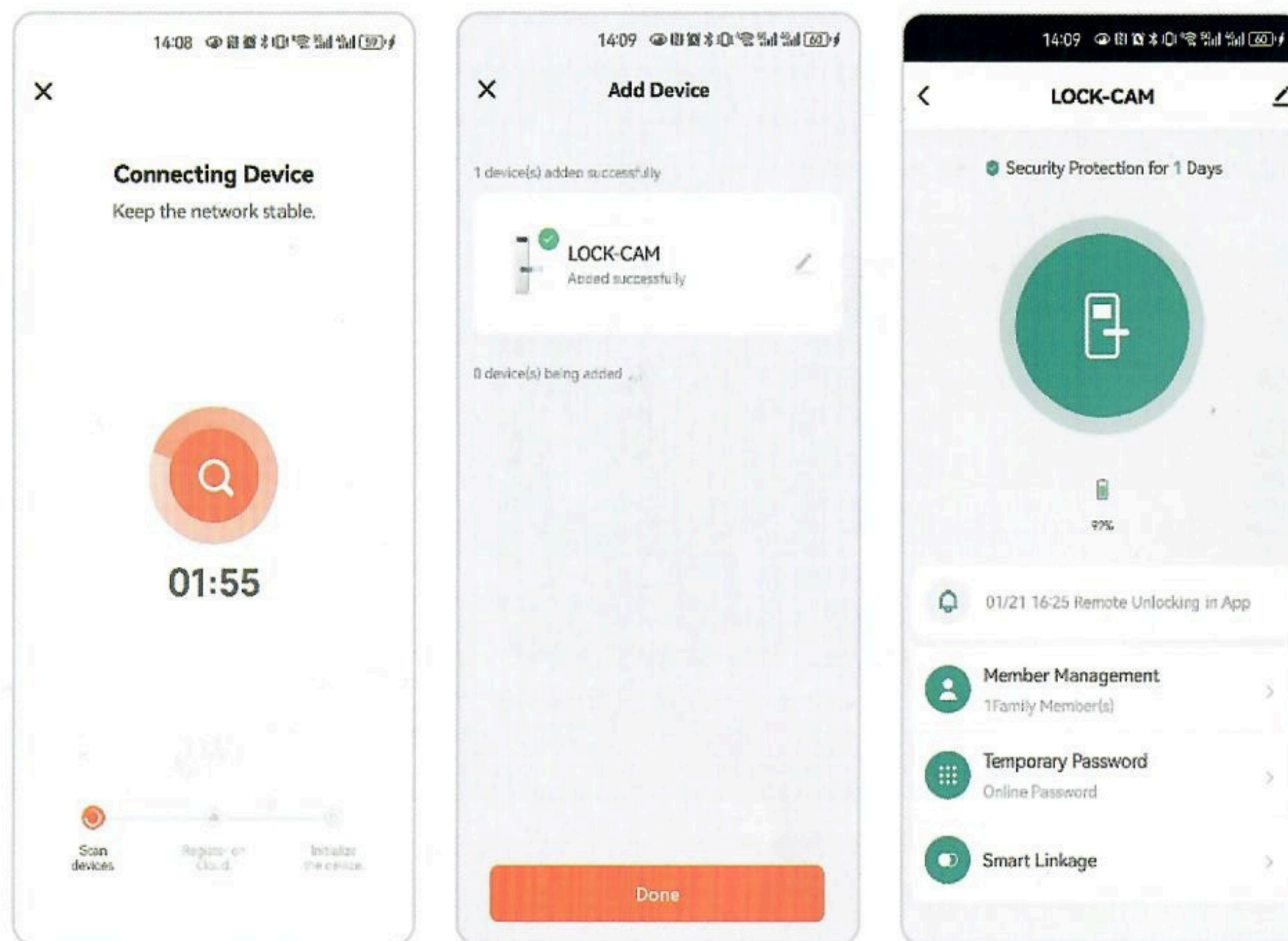
10.WIFI Confiuration

- 1) Search for "Tuya Smart" or "Smart Life" in application markets, or scan the QR code below, download and install, register an account, and log in.



- 2) Enter the smart lock menu - Add user - Network – Network – EZ-Mode;
- 3) Add device in " Tuya Smart " APP as below:





11.Trial and error alarm

If the user information is input incorrectly for more than 5 consecutive times, the system will be locked for 2 minutes and will not respond to any actions within 2 minutes.

12.Anti peeping password

For example, if you want to enter the password 123456, you can enter 96581234562875 to add some irrelevant codes before and after the password, and then press # to confirm, with a maximum length of 24 digits.