

Local operation instructions for smart lock end

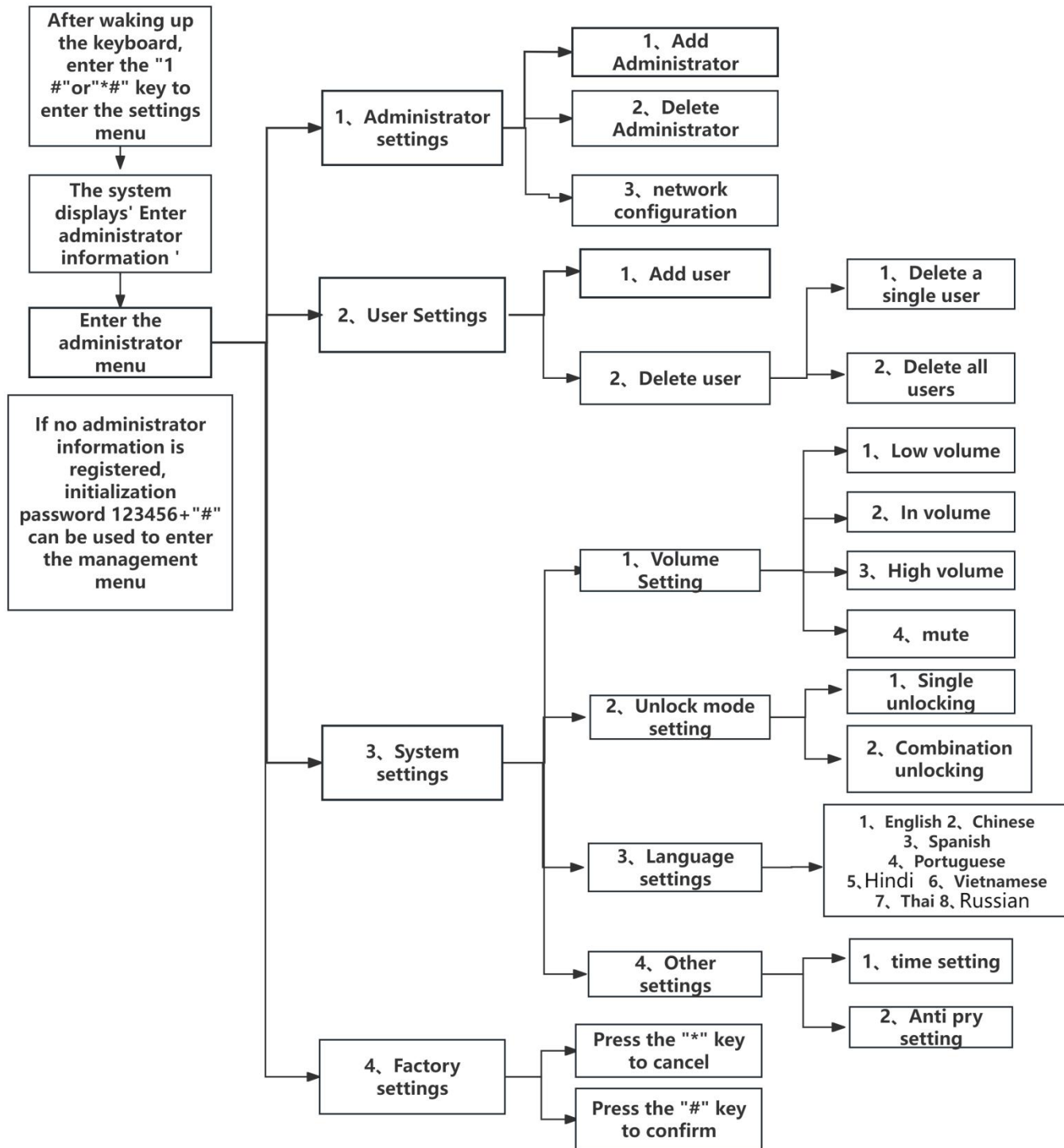
Product advantages and features

- Can use fingerprints and passwords
- Multiple door opening modes to choose from, enhancing the security level of the door lock
- User addition and deletion are managed based on numbering, which is easy to operate
- Equipped with anti peeping password function
- Power on self-test, intelligent recognition function module, such as fingerprint+password, etc
- All components are made of internationally renowned brand products, with stable and reliable quality..
- The door lock modules have undergone waterproof, moisture-proof, and mold proof treatment,
- The door lock modules have undergone high and low temperature, vibration, aging and other tests to adapt to harsh environments.

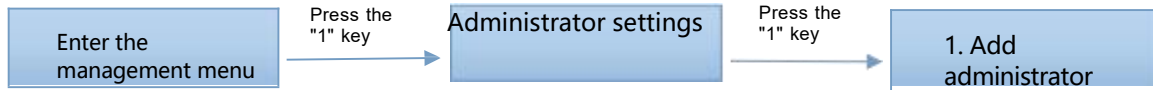
Before entering the user, any fingerprint, and initial password 123456 can be unlocked. Registration refers to

After printing or password cards, illegal fingerprints and password cards will not be able to unlock; If an administrator has already been registered in the smart lock, adding or deleting users again requires verifying the administrator's access to the menu settings. If an administrator is not registered, the function of adding or deleting users cannot be performed;

1. MenuStructureDiagram



2. Add administrator operation:



1. After entering the configuration operation, enter the fingerprint password that needs to be entered, and the system will automatically assign a key number;

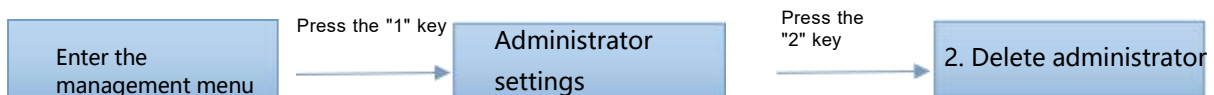
2. The first set of keys is the administrator password, and the system defaults to the serial number "001";

3. The valid number of digits for a numeric password is 6-10;

4. Fingerprint input 5 times in a row, password input 2 times in a row input 1 time;

5. After successful entry, you can continue to enter other "administrator" keys. To return, please press the "*" key.

3. Delete administrator operation:



1. Enter the number and press the "#" key to confirm, for example: "002"+"#" ;

2. To ensure the normal operation of the system, users cannot be deleted when there is only one administrator left;

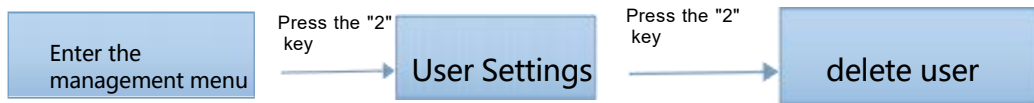
3. When other numbers are deleted by the administrator and entered again, the system will automatically replace their numbers.

4. Add regular user operation:



1. After entering the configuration operation, enter the fingerprint, password, that needs to be entered, and the system will automatically assign a key number;
2. The valid number of digits for a numeric password is 6-9;
3. Fingerprint input 5 times in a row, password input 2 times in a row input 1 time;
4. After successful entry, you can continue to enter other "user" keys. If you no longer want to enter, please press the "*" key to return;

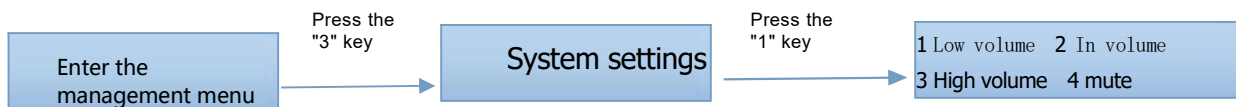
5. Delete single/all user operations:



1. After entering the number, the corresponding user information can be deleted. Press the "#" key to confirm, for example: "10"+"#";

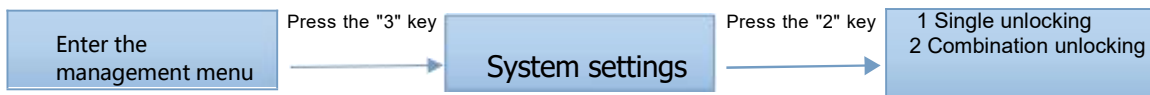
2. After the user is deleted, when entering again, the system will automatically replace their number.

6. Volume Setting:



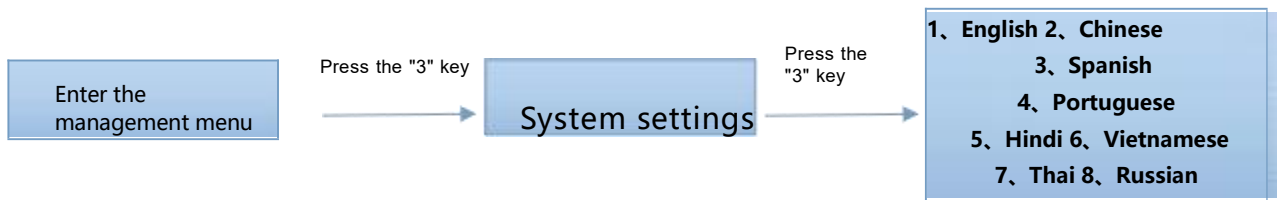
1. Select the corresponding volume level as needed.

7. Unlock mode setting:



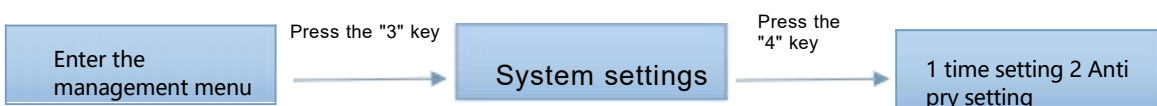
1. On this page, press "1" to select single unlocking mode, and press "2" to select combination unlocking mode;

8. Language settings:



1. Press "1" to select English on this interface, and press "2" to select Chinese, and press "3" to select Spanish, and press "4" to select Portuguese, and press "5" to select Hindi, and press "6" to select Vietnamese, and press "7" to select Thai, and press "8" to select Russian;

9. Other settings:



1. Press "1" on this interface to select as the time setting;
2. Press "2" on this interface to select the anti pry setting;

10. Restore factory settings:



1. After restoring the factory settings, all data will be cleared, but the language selection and automatic lock function will not be reset and will still run according to the previous settings.

11. Language switching function



Note: This function must be operated in the initialization state

Language ID:

1: English, 2: Chinese, 3: Spanish, 4: Portuguese

5: Hindi, 6: Vietnamese, 7: Thai, 8: Russian

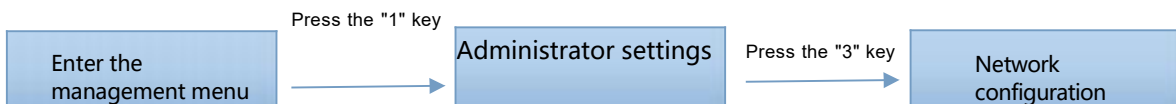
Example: To switch to English, in the initialization state, enter "88991" to switch to English

11. Temporary key function



Note: When distributing temporary keys, please enter the time setting in advance and set the time to the actual time to ensure the timeliness of the keys; The name can be customized, and the password is the password of the first administrator

12. Network configuration (when using external modules):



1. Please search for and download the "Graffiti Smart" app in the app store, or scan the QR code to download it, and follow the software prompts to register an account;



2. After entering the network configuration of the lock body, open the "Graffiti Smart" APP to pair the lock body, and enter the Wi Fi name and password used;

13. FUNCTION:

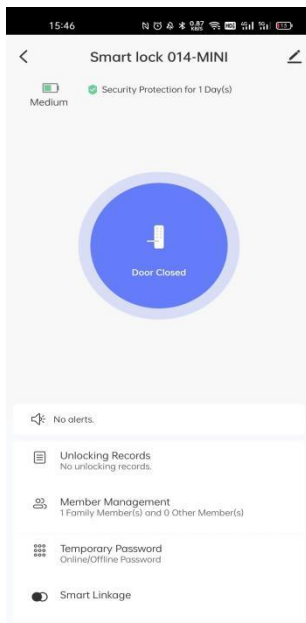


Figure 1 main page

1. Remote unlocking: Click the doorbell button to wake up the door lock and apply for remote unlocking. After software confirmation, the unlocking operation can be completed;

2. Temporary password function: one-time password and unlimited password can be added;

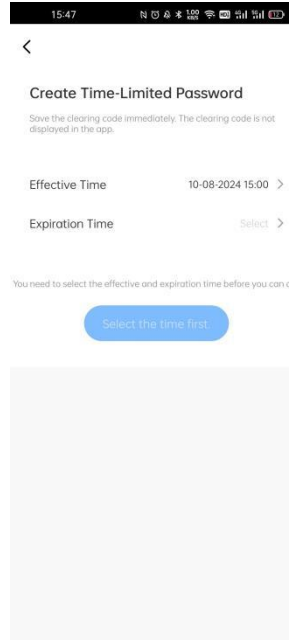
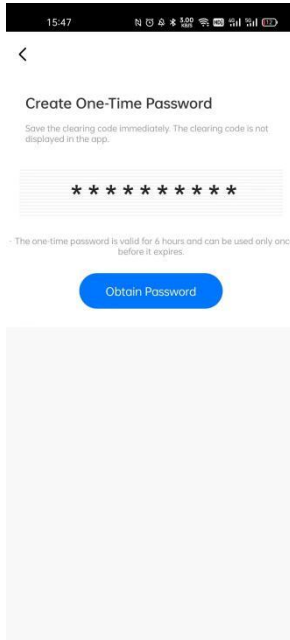
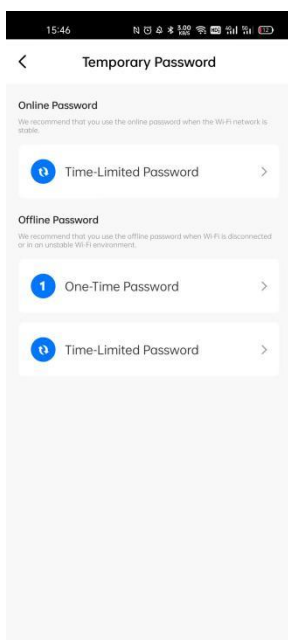


Figure 2 Temporary password interface Figure 3 One-time Password Figure 4 Unlimited password

Note: The one-time password is valid for 6 hours and can only be used once within the validity period;

An unlimited password can be set with an effective and expiration time, and there is no limit on the number of unlocking attempts during its validity period.



3. Door opening record function: After successful connection, the software will record the work record of the door lock, including unlocking user and operation records;
4. Alarm record notification: The system will automatically record incorrect unlocking operations and push them in the software;

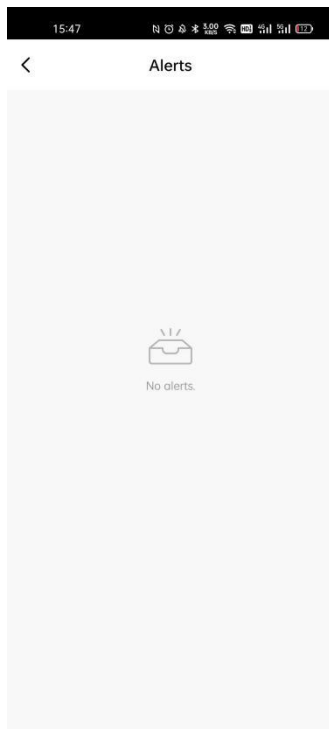


Figure 5 Alarm Record

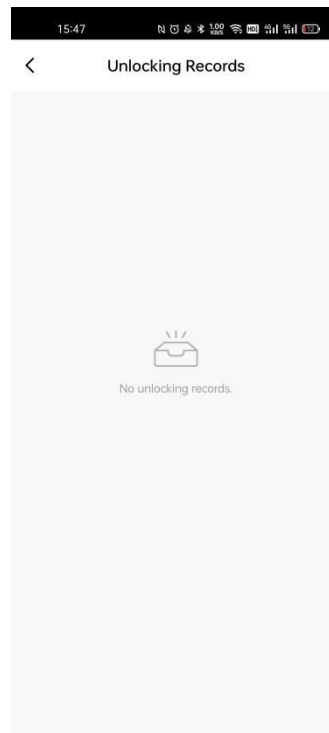


Figure 6 Door Opening Record

14. Product Technical Parameters

number	function	content	detailed description
1	Unlocking method	Fingerprint+password +key	You can also use the app for remote unlocking
2	Number of administrators	10 people	Differentiate by input permissions
3	Number of ordinary users	100 people	Differentiate by input permissions
4	fingerprint	Up to 50 pieces (shared)	Fingerprint needs to be repeated 5 times (please enter from multiple angles)
5	password	110 groups (shared)	Password needs to be entered twice and confirmed with the # key (6-10 digit password must be consistent twice)
6	magnetic	110 sheets (shared)	Just enter the once;
7	Virtual password length	≤16 bits	This product has a virtual anti peeping password: you can enter garbled characters in the front and back of the registered password
8	Low voltage alarm	4.8V ±0.2V	When the voltage is below 4.8V, it prompts "low battery level" during the door opening process.
9	quiescent current	≤80uA	
10	dynamic current	<250mA	
11	supply voltage	6V	Voltage when 4 dry batteries are fully charged
12	Emergency power supply	5VDC	USB Interface
13	operation temperature	-25°C ~ 70°C	
14	Working humidity	20% ~ 90%RH	
15	Quick locking	Quickly lock the door outside	After unlocking, press the "*" button within five seconds to quickly lock
16	fast dormancy	Quick sleep mode with the "*" key	Double click the "*" key on the main page to quickly exit the system and enter sleep mode

Kind reminder: Please store your mechanical key outdoors for backup!

FCC Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.