



**FULLY AUTOMATIC
INTELLIGENT LOCK
MANUAL**



Catalogue

1. Installation Instructions

2. Operation instructions

3. Networking instructions (optional)

1. Installation Instructions

(1). Lock Body Change (Figure 1)

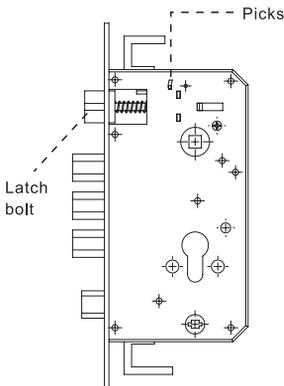
Adjust the direction of the lock body according to the actual opening direction, press the paddle up in the picture and rotate the ramp 180 degrees to complete the change.

(2). Install The Lock Body (Figure 2)

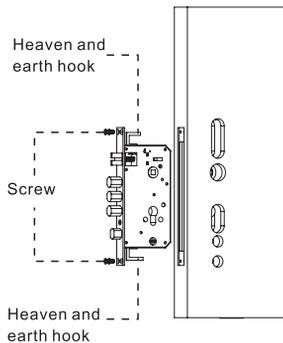
Check the upper and lower heaven and earth rod (the lock body can be selected without heaven and earth hook), and then put the lock body into the opened door hole and tighten the screws.

(3). Install The Lock Core (Figure 3)

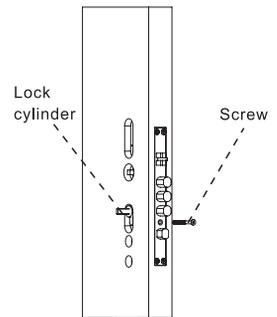
Install the lock core and screw the lock core (note: take the key to test the lock)



(Figure 1)



(Figure 2)



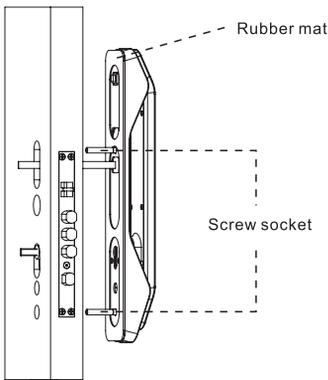
(Figure 3)

(4). Install The Front Panel (Figure 4)

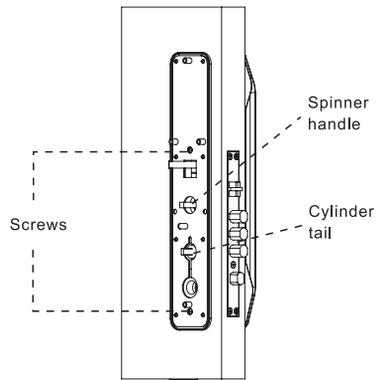
Install the front bottom plate glue and install the screw sleeve.

(5). Install The Rear Bottom Plate Glue, Cut Square Bar And Lock Core Tail Bar (Figure 5)

- 1) Insert the square bar (the other end of the short bump runs through the door from the door).
- 2) Install the bottom plate glue and then screw on the fixing screw (do not screw too tight).
- 3) cutting square bar and lock core tail bar (square bar: cutting about 2 cm from the plane inside the door, lock core tail bar: cutting about 1.5-2 cm from the plane inside the door).
- 4) ① Visually check whether the main body of the front and rear panels is parallel;
② Note: Square bar and tail bar must be located at the center point of the round hole of the bottom plate; tighten the screw after ③ confirmation.



(Figure 4)



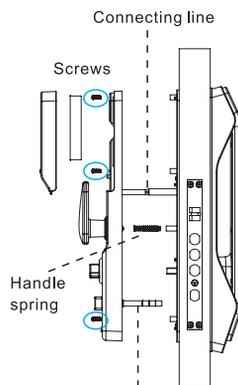
(Figure 5)

(6). Install The Rear Panel (Figure 6)

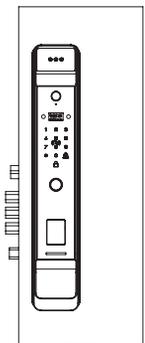
- 1) The lock tail bar is cut according to the actual door thickness.
- 2) Plug in the connection cable.
- 3) Put the handle spring into the holding hole and then screw on the panel screw to be installed.

(7). Effect Effect Of Installation (Figure 7)

Note: for safety, please do not remove the key; please keep the mechanical key properly. Do not keep the mechanical key indoors and prevent the door lock as a spare emergency key.



(Figure 6)



(Figure 7)

2. Operation Description

(1). Parameter description

ORDER NUMBER	THE PARAMETER NAME	SPECIFICATION PARAMETERS
1	Comparison mode	1 : N
2	Collect header type	Self-learning capacitive pressing type fingerprint head
3	Head resolution was collected	508dpi
4	Refusal rate	< 0.1%
5	False rate	< 0.001 %
6	Fingerprint collection scope	± 360 °
7	Card type	M1
8	User capacity	Total capacity of 300 groups: up to 100 fingerprints, up to 100 groups of passwords, up to 50 groups of faces, up to 100 cards.
9	Operation note	Scroll 600
10	Battery life	Open the doors 3,000 times
11	Working voltage	7.0V~8.4V, Low-voltage alarm voltage is 6.8±0.2V
12	Dynamic power consumption	1A (no motor action, no playback sound)
13	Quiescent dissipation	200 uA (average power consumption)
14	Proof time	3s (including the whole process of fingerprint acquisition, comparison, unlocking signal output)
15	Keyboard type	Touch induction
16	OLED display screen	0.96" OLED
17	External emergency power supply	5V1 A USB Emergency power supply
18	Anti-static ability	8 KV (contact type) 15 KV (non-contact)
19	Storage temperature	-25 °C ~ 80 °C
20	Working temperature	-25 °C ~ 70 °C
21	Ambient humidity	15 %RH~93%RH

(2). Initial state

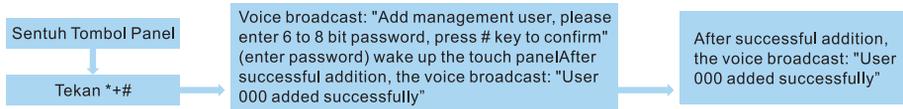
(2.1) In the initial state, any face, fingerprint, password and card can be unlocked. Implement the factory setting operation, and cannot clear the set door opening direction and torque parameters.

(2.2) Multi-country language switch, input 888 # under the initialized state, and then input the corresponding code to switch the language, and press the # number to confirm:

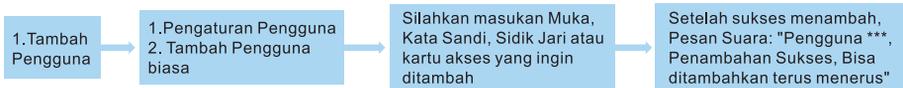
CODE	LANGUAGE
3000	The Chinese language
3001	English
3002	complex font
3003	Russian
3004	Vietnamese
3005	Korean
3006	Arabic
3007	Portuguese
3009	Spaish
3011	Indonesian language
3013	Hebrew
3014	Turkic

Enter the door lock function management

• Add the administrator password for the first use



1. Add users

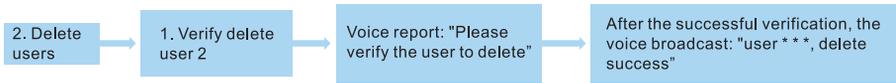


- Face: the voice broadcast "Please enter the positive face", the face parallel camera to be input is 30~80 CM distance, and continuously input according to the voice prompt.
- Fingerprint: The user places the finger on the fingerprint sensor, and the voice prompts "Please press the finger again". The user puts the same finger on the sensor and continuously input it.
- Password: The user enters a 6 to 8 bit password and press # to confirm.
- Card: The user will put the card near the IC card sensing area of the touch keyboard, and the system will automatically read and save the card information.

Note: Number of managed users: No.000-009, total. 10; number of ordinary users: No.010-299, total. 300.

2. Delete users

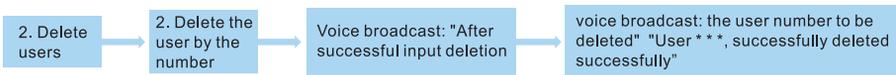
(1) Verify that the deleted user



verification mode

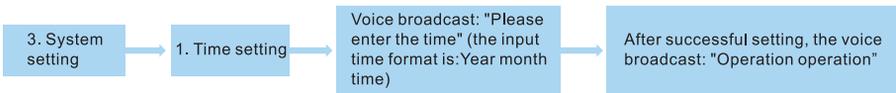
- Face: The parallel camera on the front face is 30~80 CM distance
 - Fingerprint: The finger that will remove the fingerprint is placed on the fingerprint sensor.
 - Password: Enter the password to be deleted.
 - Card: The IC card to be deleted is close to the sensing area of the touch keyboard.
- If the user exists in the system, voice broadcast: "Delete deleted"; if the user does not exist, voice broadcast: "Operation failed".

(2) Delete users by the number



3. System Settings

(1) Time setting



(2) Installation and setting

① Open the door direction setting



Note: The direction of opening the door is subject to the direction of unlocking outside the door.

② Latency lock



- Delay locking: After unlocking, the door lock automatically locks within the specified time. The user can set: 10 S, 15S, 20S, 25S, close.

③ Door lock setting

– Antiskid alarm



Note: After the anti-skid alarm is opened, if the door lock is pried, the system will issue an alarm prompt: "Illegal user, illegal intrusion, the owner has been notified". If the device is connected to the Internet, an alarm message will be pushed to the phone.

-Motor torsion



Note: The torsion setting is for the torsion strength of the motor.

-Back lock time



Note: The locking time refers to the rebound time of the oblique tongue, and the set time range is between 2s and 9s.

-Stay to call the police



Note: Within 1 minute, if the human body is detected in seconds after the setting time, the stay alarm will be triggered and pushed to the distributed equipment. The local sound and optical alarm will not be performed by default.

④ Face recognition settings

- Human body-sensing



Note: Within 1 minute, if the human body is detected within the set time second, the lingering alarm will be triggered and pushed to the network device. By default, the local audible and visual alarm is not performed. Human body sensing [off]: The door lock does not carry human body sensing, Human body sensing [intelligence]: The door lock only carries out human body sensing when the door is closed, Human body sensing [open]: In any state, the door lock will have human body sensing.

2. Walk up for 10 consecutive times and no face is recognised, the human body sensor is turned off for \$ minutes by default

- Sensing distance



Note: induction distance [close]: about 30~50 cm; induction distance [middle]: 50~70cm; induction distance [far]: 70~80cm.

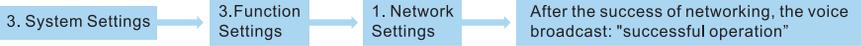
- Identification tips



Note: Open the recognition prompt. When the human body wakes up, the voice prompt is: "Please enter the positive face".

(3) Function setting

① Network settings



(See the appendix of the instruction manual for the detailed operation of the connected products).

Note: The distribution network function only supports only one mobile phone for the distribution network. If the network configuration is entered again, the last distribution network data will be automatically cleared. Users should operate carefully.

② Door lock volume

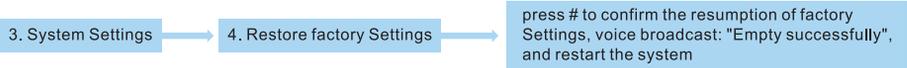


③ Dual authentication



Note: Dual authentication is only for ordinary keys. It requires two different ordinary user keys to unlock successfully. The administrator user can unlock directly.

(4) Restore the factory settings



Note: After the factory setting is restored, the user data will be emptied.

4. Information query

(1) Number of users



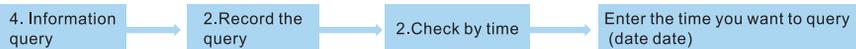
(2) Read records

– Sequential query



Note: The sequential query is to start looking up with the latest information, press the eighth key to query the next one, and the second key to query the last one.

– Query by time



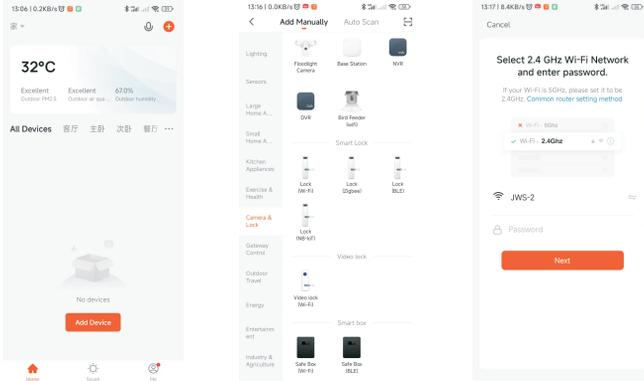
3. Networking instructions (optional)

(1) Scan the QR code on the right to download the graffiti smart APP.

(2) Add the equipment

Press * + # on the door lock to verify that after the administrator enters the system main interface--press 3 System Settings--press 3 Function Settings--press 1 network Settings.

(3) Open the mobile phone APP doodle smart and press the following operations:

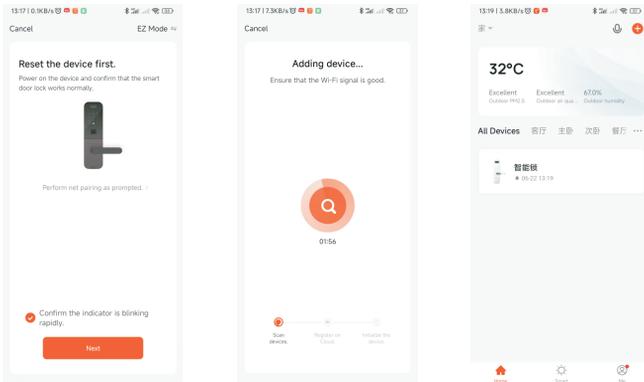


As shown in the figure above and below:

(3.1) Click the + number in the upper right corner to add.

(3.2) Click on the Security sensor-door lock (WI-FI).

(3.3) Connect the users home WIFI and enter the WIFI password and click Next.



(3.4) Check the confirmation keyboard light flash and click Next.

(3.5) Wait for the connection until the door lock prompts the network is successful (this process may take a longer time, please wait patiently).

Tip: In order to ensure that the WIFI signal received by the lock is strong enough, the distance between the router and the lock should be kept within 5 meters, and only the 2.4 G band WIFI is supported.

4. Other instructions

(1) Initialization

Long press the back setting button for 5s, voice broadcast: "restore the factory setting, confirm please press # number key, cancel please press * number key", press # number key to confirm, the system restart to the initial state.

In the initial state, any face, fingerprint, password, and card can be unlocked. Implement the factory setting operation, and cannot clear the set door opening direction and torque parameters.

(2) Too low power level prompt

The power of the system is less than 25%. When unlocking the lock, the voice report is: "the power is insufficient", the battery can still be unlocked about 50 times, but please charge in time (or replace the battery).

(3) External USB emergency power supply

With USB emergency power supply, it takes about 30 seconds to open the lock.

(4) Illegal users shall report to the police

Continuous input 3 to 5 times to unlock the failure, voice broadcast: "illegal user, illegal intrusion, has notified the owner". After the fifth broadcast, the system is locked for 90 seconds, during which time it does not respond to any operation by the user. Unlock after 90 seconds.

(5) The virtual bit password

When using the password to unlock the lock, you can increase any number before and after the correct password, which can increase the security of the digital password, such as the password is "123456", you can input "426123456745" to unlock the lock. Note: The system can only identify the first 16 digits.

(6) Version number

Enter the 999 # readable system version number.

Thank you for purchasing this product

Please read this instruction manual carefully before use

For future reference, please keep this manual properly

This specification is subject to change without prior notice

The Company shall not undertake any accidents and hazards
caused by user error operation