Locstar® LS-C95
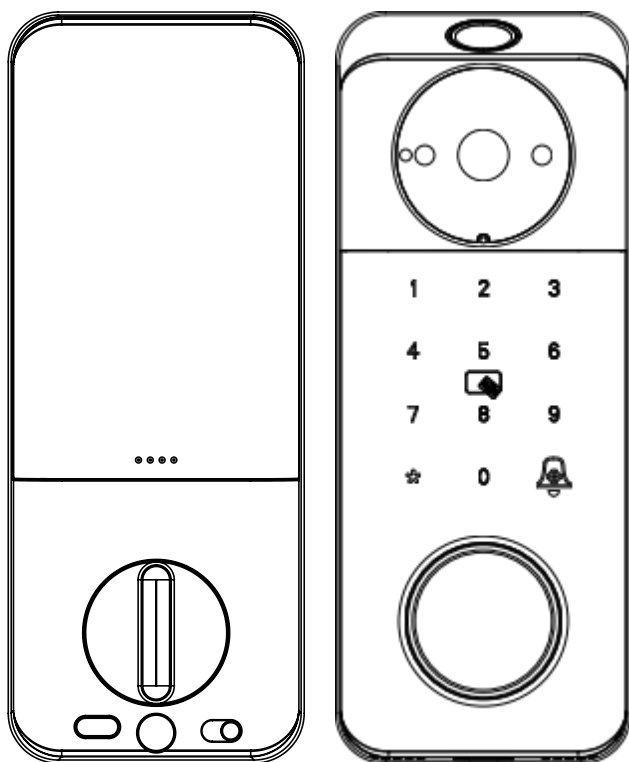
www.locstar.com
400-8833-566

# Smart lock User Manual

[Tuya(cat eye)]

SHENZHEN LOCSTAR TECHNOLOGY CO.,LTD
Reserves the right to interpret this manual

I.Product introduction
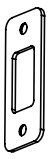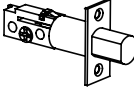
1. Product performance parameter
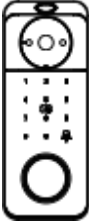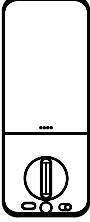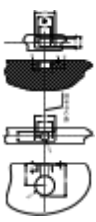
Bluetooth standard	Bluetooth 5.0BLE	Fingerprint head type	Semiconductor fingerprint head
Network connection	2.4GWiFi 802.11b/g/n	Fingerprint capacity	100 pieces(adjust according to the actual model)
Supported mobile phone systems	Android 4.3/10s7.0 or later	Recognition rate (FAR)	< 0.001%
Power supply mode	7.4V Lithium (full charge 8.4v)	True rejection rate (FRR)	< 1.0%
Low alarm voltage	7.0 V	Operating temperature	-10°C~60°C
Voltage range	5~9V	sensor	2 million HD CMOS sensor color 0.1 Lux@F1.2, black and white 0.01Lux@F1.2
Standby current	550 uMa (including cat eye, radar)	Image output	Hd :1960*1080@12fps Smooth :640*360@25fps
Working current	<3A(average)	Lens	Hd security mirror,138° wide Angle, height 13±0.2mm
Key type	Capacitive touch keys	Nearest object distance	0.3 m
Password quantity	Custom and permanent Password 250 (other dynamic passwords are unlimited)	Day-night switching mode	support
Supported card types	MIFARE M1 card	IR-CUT voice intercom	support
Number of IC cards	1000pcs	Mobile phone surveillance	Support mobile phone monitoring (i0S,Android)
Unlocking mode	App, password, fingerprint, IC card	Cloud storage	support

2. Product Size
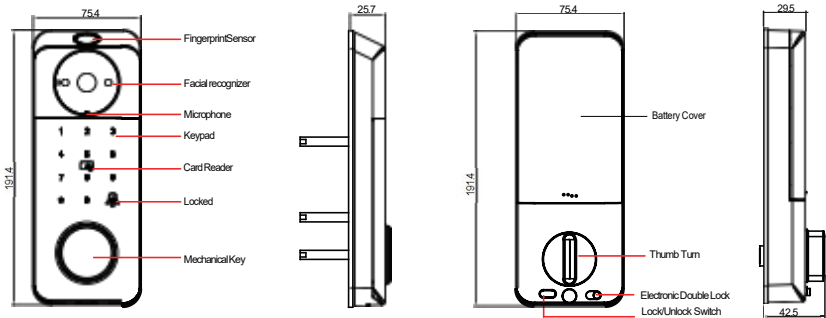
3. Package List (The accessories are subject to the actual product, and the pictures are for reference only)

1.front panel
2.Rear panel
3.Hole size diagram
4.instructions
5.Door buckle plate
6.Self tapping screws
7.Lock cylinder
8.Installing screws
9.Mechanical key
10.Button box

4. 3D assembly drawing
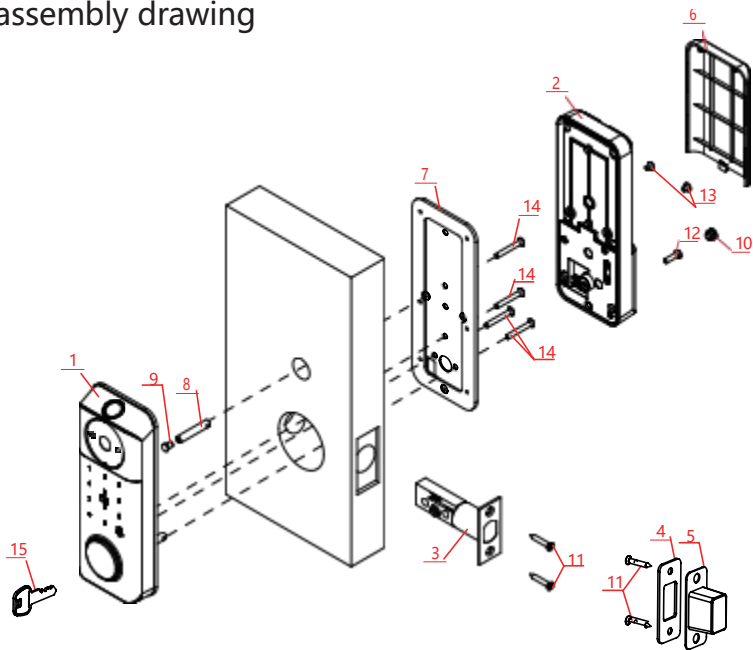
1. C95 front panel components
2. C95 rear panel components
3. Single latch
4. Tongue buckle Panel
5. Tongue buckle box

6. Battery cover
7. Rear cover plate + rubber pad
8. Transfer column
9. Front cover screw
10. Screw plug 1 pcs

11, self-tapping screw 4x25 4 pcs
12, screw KM4x16   1 pcs
13, screw KM4x5.5   2 Pcs
14, screw KM4x25   4 pcs

II.Installation Guide

1. installation conditions

1.1、Door thickness

■   Door lock border ≥110 mm (thickness of inconsistent doors)

■   45mm≤door thickness ≤120mm(custom accessories are required when size exceeded)

1.2、Opening direction

indoor   wall   indoor
door   door
Left inside   Right inside

indoor   indoor
Left outside   Right outside
wall
door   door
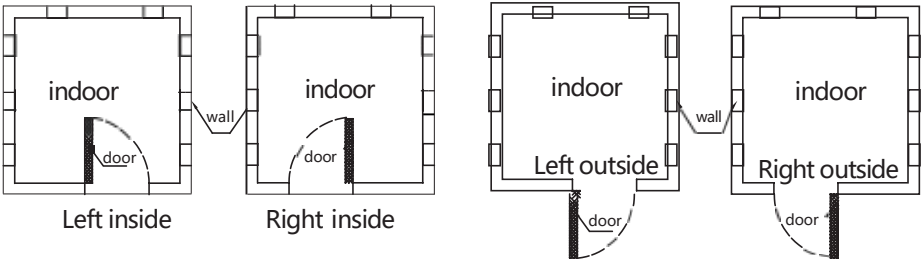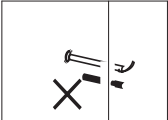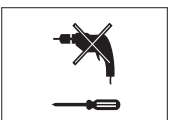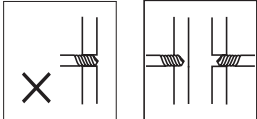
2. **Installation tool** (for reference only)

1.manual electric drill	2. pencil	3.tape ruler	4. hammer	5. bit
6.hacksaw	7. angle ruler	8. screwdriver	9.Cutter	10.chisel
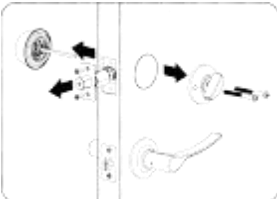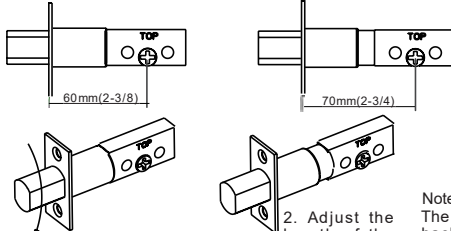
3. Hole size diagram(for reference only)

26.5

58

41

Ø24

Ø20

90

60

75.5

3

Ø50

18
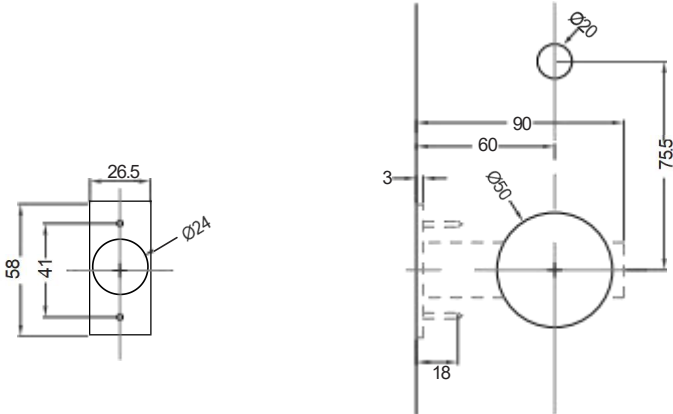
5. Installation precautions

①	②	③	④
In order to ensure successful installation, do not exert excessive force when tightening the screws, which may cause damage to the lock	Select correct screw tool	Wearing eye protection devices when opening doors to avoid eye injury	In order to prevent unnecessary damage to the door, when opening the door, please make the opening from both sides, remember to penetrate the opening on one side

6. Installation Steps

1. Take off the old lock from the door

60mm(2-3/8)

70mm(2-3/4)

Rotate and pull the retractable latch

2. Adjust the length of the deadbolt if it is required。

Note:
The deadbolt has TWO backset options:70mm or 60mm,please adjust buyourself.

3. Install the deadbolt on the door。

Bolt must be in retracted(unlocked) position.and TOP Word UP

TOP
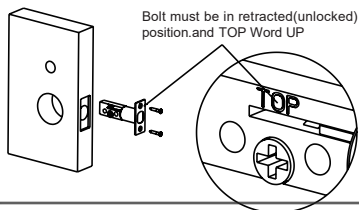
4. Hold the front body to the door, and cable through the door hole。

Bolt must be in retracted(unlocked) position. and Key piece vertical
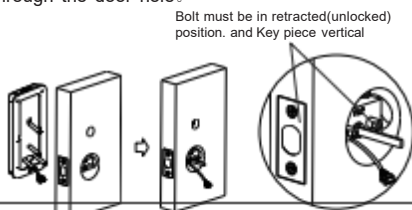
5. Pass the front panel connecting cable through the cable outlet hole of the rear fixing plate, and fix the front and rear panel fixing plate with four screws.
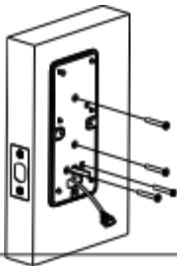
6. Connect the front panel cable to the rear panel.

Note: Cable terminals are inserted into the place.
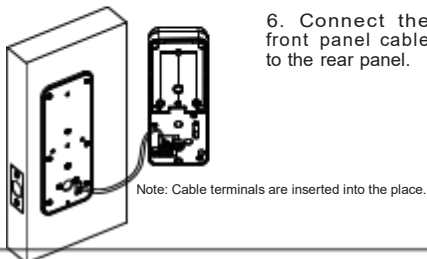
7. Secure the rear panel with three M4x16 screws. Make sure the twist is vertical.

Note: Ensure button vertical
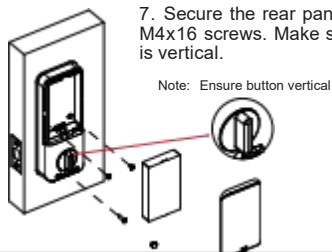
8. Manual rotation button, flexible

Unlock status

Lock status
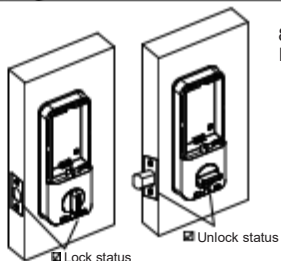
9. Install the battery, pay attention to the positive and negative direction of the battery. put the battery cover on.
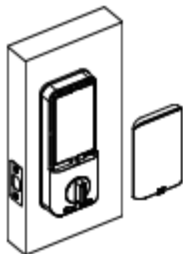
10. Install the Tongue buckle box and Tongue buckle panel
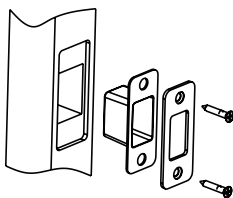
11. Direction adjustment, when the battery is installed , the door lock will automatically identify the direction of opening the door, and then add APP

III.Function and operation

3.1 Restoring Factory Settings

3.1.1. Hold on the RESET Clear button on the rear panel for 5S. voice will remind you to put in password, enter in "000#", will be restored successfully.

3.1.2. The factory default password is 123456, all fingerprint, password, card register clear.

Reset button

3.2 Low voltage alarm and battery replace ment method

•Before charging the lithium battery, please ensure that it is compatible with the charger 5V2A.

•Connect the charger to the power supply and plug in the lithium battery.

•Follow the manufacturer's instructions on charging time and voltage.

•Do not leave the lithium battery unattended while charging.

•When the battery is fully charged, disconnect it from the charger.

Lithium battery

Charging port

3.3 USB emergency power supply and mechanical key unlock

When the battery is out of power, use the 5V charging bank and Type-C connection cable to connect the external emergency power supply port, which can be unlocked normally; Or use mechanical keys to unlock.

USB power interface

Mechanical key hole

3.4 Electronic Anti-Lock

Push the electronic anti-lock button to the left to lock, and push it to the right to unlock.

Anti-Lock

Door lock function operation extension map

C95 intelligent door lock operation map

```
Press *+# to verify
the admin password
│
├─ 1. Administator Settings
│     ├─ 1.Add Administator information
│     └─ 2.Delete Administator information
│
├─ 2. Users settings
│     ├─ 1.Add user information
│     ├─ 2.Add temporary user information
│     └─ 3.Delete user information
│
├─ 3. Lock settings
│     ├─ 1. Function settings
│     │     ├─ 1. Auto lock setting
│     │     │     ├─ 1. Auto lock mode on
│     │     │     └─ 2. Auto lock mode off
│     │     ├─ 2. Auto locking duration setting
│     │     │     ├─ 2. Increase duration
│     │     │     └─ 5. Reduce duration
│     │     ├─ 3. Dual verification setting
│     │     │     ├─ 1. Enable two-factor authentication
│     │     │     └─ 2. Disable two-factor authentication
│     │     ├─ 4. Silent mode setting
│     │     │     ├─ 1. Silent mode on
│     │     │     └─ 2. Silent mode on
│     │     └─ 5. Vacation mode setting
│     │           ├─ 1. Vacation mode on
│     │           └─ 2. Vacation mode off
│     ├─ 2. Volume settings
│     │     ├─ 2. Volume up
│     │     └─ 5. Volume down
│     ├─ 3. Lunguage settings
│     │     ├─ 1. Chinese
│     │     └─ 2. English
│     ├─ 4. Switch local open mode
│     └─ 5. Wireless settings
│           ├─ 1. Connect wireless devices
│           └─ 2. Delete wireless devices
│
└─ 4. Restore factory setting
```

3.5 Initial state

The factory engineering password is "123456" and can open the door.
After entering the administrator information, the engineering password "123456" will be automatically deleted.

3.7 General operation rules

For the first use, you need to add a set of management passwords, and the initial verification password is "123456"

| Verify the management password | → | Enter a new management password |

The "#" key is the confirmation key or the menu function key.
The "*" key is the clear key/back key. When entering the password, short press to clear the input.

After entering the menu, the voice broadcast: "1. Management user management 2. Ordinary user management 3. Door lock settings 4. Restore factory settings"

In the initial state, press "*+#" after the touch screen is lit, prompting to verify the management password. After entering "123456", enter to add a new administrator password. After adding, the voice broadcast: "Added successfully".

3.8 Access door lock function management

| Light up the touchscreen，press "*#" | → | Verify the management password | → | Enter the function management menu |

Voice broadcast after entering the menu:"1. Admin user management 2. General user management 3. Door lock settings 4. Restore factory settings"

3.9 Adding an administrator user

Enter the function management menu, and add an administrator user by adding fingerprint/card/password, and follow the voice prompts. Voice message: "Please enter the fingerprint, password or IC card to be added" "User added successfully".

| 1. Administrator user management
2. General user management
3. Door lock settings
4. Restore factory settings | Press 1 → | 1. Add an administrator
2. Delete an administrator | Press 1 → | Enter the fingerprint/password/-card you want to add | → | Administrator added successfully |
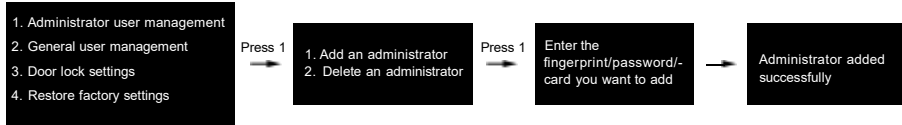
3.10 Delete administrator user

The deleted user information can be fingerprint/card/password. After entering the function, follow the voice prompts. Voice message: "Please enter the number, fingerprint,password or IC cardof the user to be deleted" "User deleted successfully".
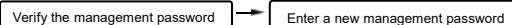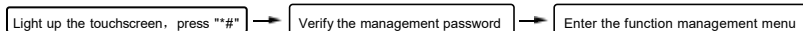
| 1. Administrator user management
2. General user management
3. Door lock settings
4. Restore factory settings | Press 2 → | 1. Add an administrator
2. Delete an administrator | Press 2 → | Enter the fingerprint/password/-card you want to delete | → | Administrator added successfully |
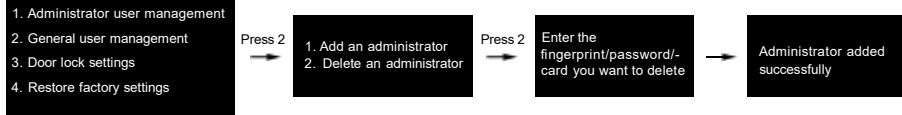
3.11 Adding an user

Enter the function management menu, add an administrator user by adding fingerprint/card/password, and follow the voice prompts. Voice message: "Please enter the fingerprint, password or IC card to be added" "User added successfully.

| 1. Administrator user management
2. General user management
3. Door lock settings
4. Restore factory settings | Press 2 → | 1. Add an user
2. Add a temporary user
3. Delete a user | Press 1 → | Enter the fingerprint/password/-card you want to add | → | User added successfully |

3.12 Delete users

The user information can be fingerprint/card/password. After entering the function, follow the voice prompts. Voice message: "Please enter the number, fingerprint,password or IC cardof the user to be deleted" "User deleted successfully".

1.Administrator user management					
2.User management	Press 2	1. Add an user	Press 3	Enter the fingerprint/password/-card you want to delete	Administrator deleted successfully
3.Door lock settings		2. Add a temporary user			
4.Restore factory settings		3. Delete a user			

3.13 Function Settings

Press 3 to enter the "Door Lock Settings" menu, then press 1 "Function Settings" to get voice prompts. Voice announcement: "1. Auto lock settings 2. Auto locking duration setting 3. Dual verification settings 4. Silent mode settings 5. Vacation mode settings".

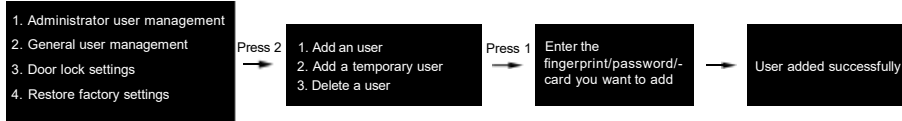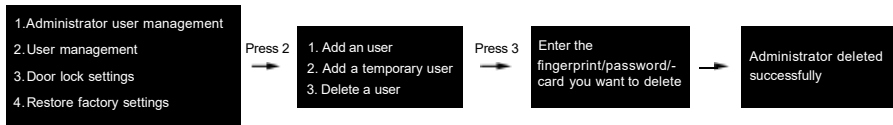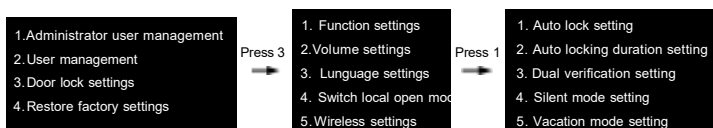| 1.Administrator user management | | 1. Function settings | | 1. Auto lock setting |
2.User management	Press 3	2.Volume settings	Press 1	2. Auto locking duration setting
3.Door lock settings		3. Lunguage settings		3. Dual verification setting
4.Restore factory settings		4. Switch local open mode		4. Silent mode setting
		5.Wireless settings		5. Vacation mode setting

(1) Automatic lock setting

Enter the function setting menu and press 1 "Automatic lock setting" to turn on or off the automatic lock. Voice broadcast: "1. Turn on automatic lock 2. Turn off automatic lock".

1. Auto lock setting		
2. Auto locking duration setting	Press 1	1. Auto lock mode on
3. Dual verification setting		2. Auto lock mode off
4. Silent mode setting		
5. Vacation mode setting		
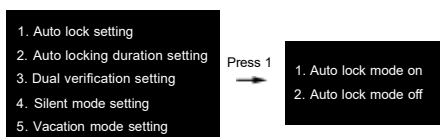
(2) Automatic locking time setting

Enter the function setting menu and press 2 "Automatic locking time setting" to adjust the automatic locking time of the door lock. Voice broadcast: "2. Increase volume 5. Decrease volume".

1. Auto lock setting		
2. Auto locking duration setting	Press 2	2.Increase duration
3. Dual verification setting		5.Reduce duration
4. Silent mode setting		
5. Vacation mode setting		
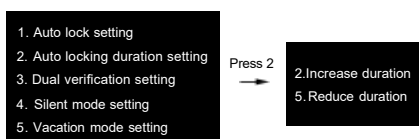
(3) Dual Verification Settings

Enter the function settings menu and press 3 "Dual Verification Mode" to set the dual verification function of the door. Voice broadcast: "1, Enable two-factor authentication 2, Disable two-factor authentication"

1. Auto lock setting		
2. Auto locking duration setting	Press 3	1.Enable two-factor authentication
3. Dual verification setting		2.Disable two-factor authentication
4. Silent mode setting		
5. Vacation mode setting		
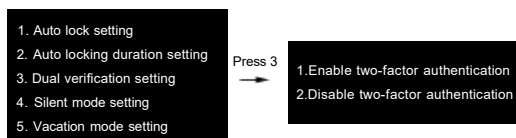
(4) Silent mode setting

Enter the function setting menu and press 4 "Silent mode setting" to set the door lock silent mode. Voice broadcast: "1. Silent mode on 2, Silent mode on".

1. Auto lock setting		
2. Auto locking duration setting	Press 4	1.Silent mode on
3. Dual verification setting		2.Silent mode on
4. Silent mode setting		
5. Vacation mode setting		
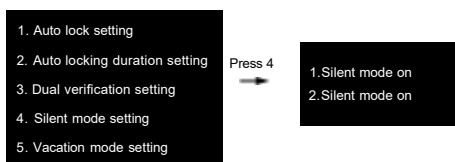
(5) Vacation mode setting

Enter the function setting menu and press 5 "Holiday mode setting" to set the door lock to holiday mode. Voice broadcast: "1,Vacation mode on 2,Vacation mode off".

```
1. Auto lock setting
2. Auto locking duration setting        Press 5      1. Vacation mode on
3. Dual verification setting          ────────>      2. Vacation mode off
4. Silent mode setting
5. Vacation mode setting
```

3.14 Volume Adjustment

Press 3 to enter the "Door Lock Settings" menu, then press 2 "Volume Adjustment" to adjust the volume of the door lock. Voice broadcast: "2. Increase volume 5. Reduce volume".

```
1.Administrator user management       1. Function settings
2.User management        Press 3      2.Volume settings       Press 2      2, Increase duration
3.Door lock settings    ────────>     3. Lunguage settings    ────────>    5 Reduce duration
4.Restore factory settings            4. Switch local open mode
                                      5.Wireless settings
```
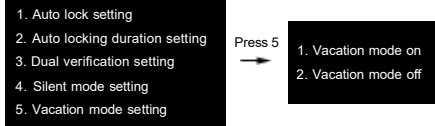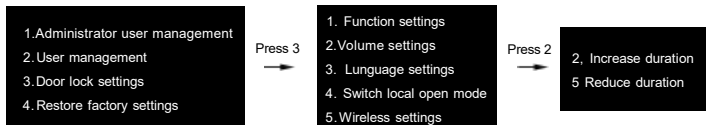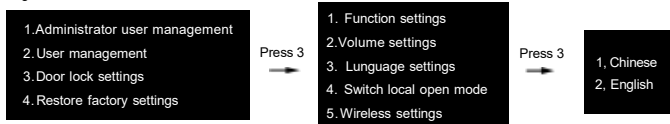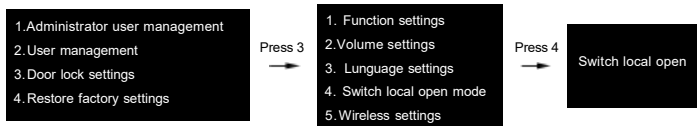
3.15 Language Setting

Press 3 to enter the "Door Lock Setting" menu, and then press 3 "Language Setting" to set the door lock language. Voice broadcast: "1. Chinese 2. English"
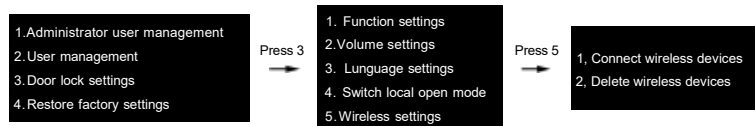
```
1.Administrator user management       1. Function settings
2.User management        Press 3      2.Volume settings       Press 3      1, Chinese
3.Door lock settings    ────────>     3. Lunguage settings    ────────>    2, English
4.Restore factory settings            4. Switch local open mode
                                      5.Wireless settings
```

3.16 Switch local open mode

Press 3 to enter the "Door lock settings" menu, then press 4 to Switch local open mode.

```
1.Administrator user management       1. Function settings
2.User management        Press 3      2.Volume settings       Press 4
3.Door lock settings    ────────>     3. Lunguage settings    ────────>    Switch local open
4.Restore factory settings            4. Switch local open mode
                                      5.Wireless settings
```

3.17 Wireless Function Settings

Press 3 to enter the "Door Lock Settings" menu, then press 5 "Wireless Function Settings" to set up the door lock for networking, enter the wireless device pairing interface, and then you can perform networking operations. Voice broadcast: "1, Connect wireless devices 2 Delete wireless device"

```
1.Administrator user management       1. Function settings
2.User management        Press 3      2.Volume settings       Press 5      1, Connect wireless devices
3.Door lock settings    ────────>     3. Lunguage settings    ────────>    2, Delete wireless devices
4.Restore factory settings            4. Switch local open mode
                                      5.Wireless settings
```

3.18 Restore factory settings

(1) Enter the door lock management menu, press 4 "Restore factory settings" to restore the lock to the factory state, and restore the administrator password to 123456

```
1.Administrator user management      Press 4    Confirm—Press the # key
2.User management              ——————>    Exit—Press another key
3.Door lock settings
4.Restore factory settings
```
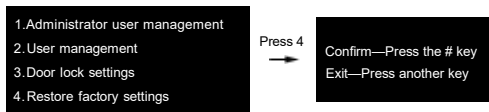
(2) Press and hold the "SET" button on the rear panel for 5 seconds. The prompt "Initialization operation, confirm, please press #" will appear. After pressing #, the system will enter the factory reset state. All unlocking information and records will be cleared. After success, the initial password is 123456 (for administrator verification)

Warranty Card

1. The manual and warranty card are included in the factory default packaging for each product. After installation, please fill in the warranty card and keep it properly as the warranty certificate.

2. Full grantee: 1 year

3. The following are not covered by the warranty:

   A. Damage caused by accidental factors or human behavior and external forces including violent tampering, un-suitable voltage inputted.

   B. Force majeure causedby natural disasters, such as earthquake, fire, flood etc

4. We charge corresponding fees for those beyond the warranty scope.

5. If the product fails, please contact the local distributor for repair, and write down the specific address, name, telephone number and fault phenomenon.

Product info	Product Name	
	Product Model No.	
	Purchase Price	
	Purchase Date	
User Info	User Name	
	User Phone No.	
	Delivery Address	
	Post code	
Distributor Info	Distributor	
	Address	
	Phone No.	
	Invoice No.	
	Distributor Chop	

Maintenance Record
(Filled in by the maintenance staff)

Maintenance Date	Fault Phenomenon	Maintenance Record	Authorized Maintenance Chop

FCC Radiation Exposure Statement:

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.

FCC Warning

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.

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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.