



Locstar[®]

LS-C89



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Smart Lock User Manual

[Tuya Version]



Version : 20230609 V1.1

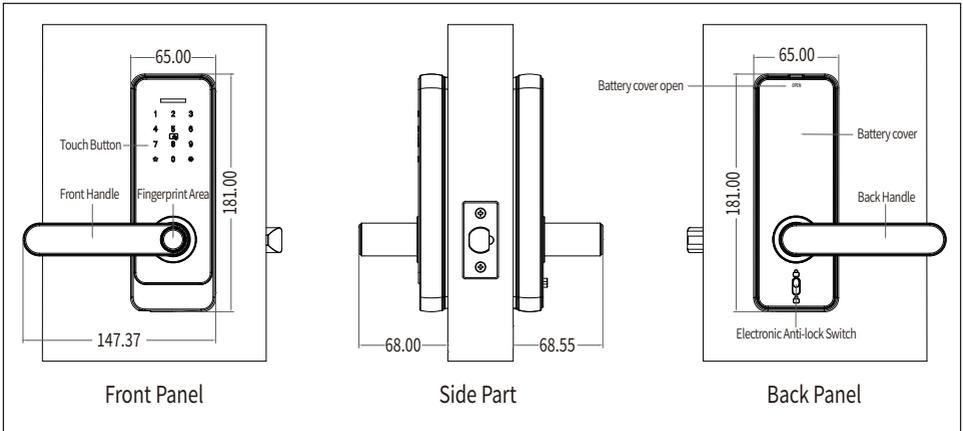
SHENZHEN LOCSTAR TECHNOLOGY CO.,LTD
Reserves the right to interpret this manual

I 、Product introduction

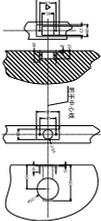
1、Product parameters

Power supply	4.5~6.5V (4AAA batteries)	Remote controls Capacity	≤120
Static current	< 55 Ma	Resolution	500DPI
Working current	< 250 Ma	Rejection rate	≤0.15%
Fingerprint Capacity	≤300	False recognition rate	≤0.00004%
Cards Capacity	≤300	Working temperature	-10°C ~ 60°C
Password Capacity	≤300	Relative humidity	20%RH ~ 93%RH

2、Product dimensions



3、Packing list (accessories in kind prevail, pictures are for reference only)

				
1.Front panel	2.Back panel	3.Opening size diagram	4.User Manual	5.Door gusset plate
				
7.Lock mortise	8.Square shaft	9.Installation screw	10.Mechanical keys	6.Tapping screw
				
				11.Latch box

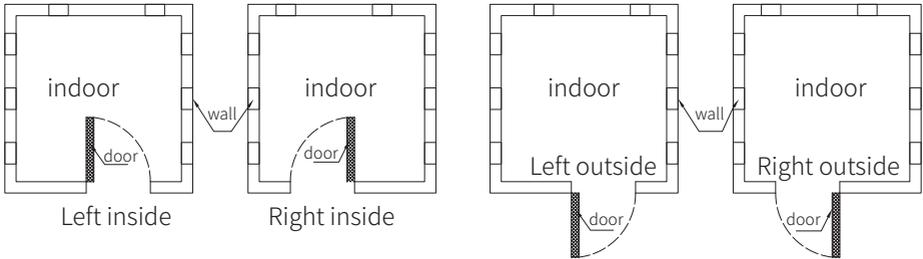
II、Installation Guide

1、installation conditions

1.1、Door thickness

- Door lock border ≥ 110 mm (thickness of inconsistent doors)
- $45\text{mm} \leq \text{door thickness} \leq 120\text{mm}$ (custom accessories are required when size exceeded)

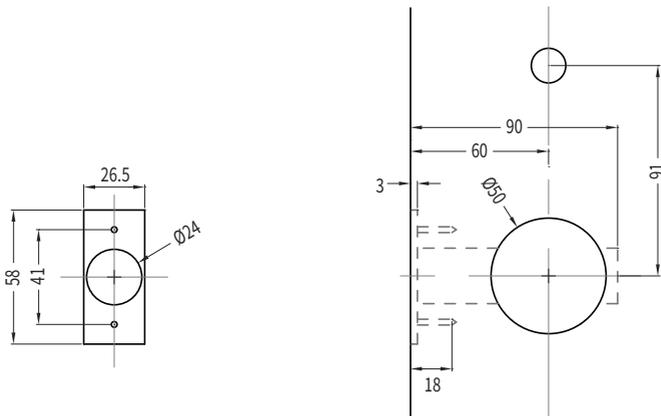
1.2、Opening direction



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、Opening size diagram (for reference only)



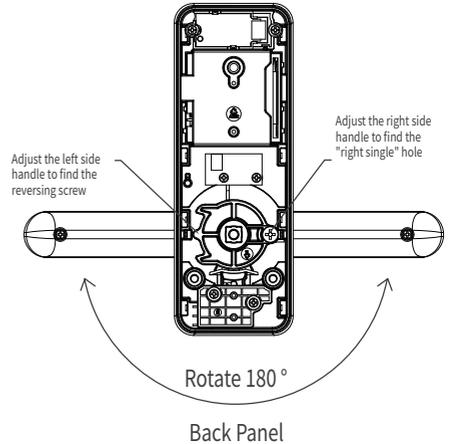
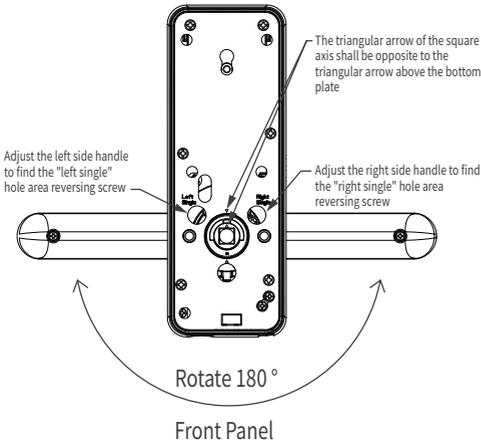
4. Handle direction change and square axis position adjustment

According to the actual needs of their own, with a screwdriver inserted into the iron plate arrow pointed to the round hole twist loose screws, according to the actual left or right open need to turn the handle 180°, and then tighten the screws.

Warm Tips: Please do not disassemble the screws in the handle hole, disassembly caused by failure do not do warranty!

Note: when disassembling the reversing screw, lift the handle slightly, aim at the reversing screw to disassemble, and then lock the reversing screw after changing

Note: remove the reversing screw and turn the handle 180 degrees before locking the reversing screw

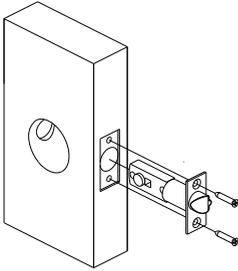


5. Installation Notes

<p>①</p> <p>In order to ensure successful installation, do not exert excessive force when tightening the screws, which may cause damage to the lock</p>	<p>②</p> <p>Select correct screw tool</p>	<p>③</p> <p>Wearing eye protection devices when opening doors to avoid eye injury</p>	<p>④</p> <p>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</p>
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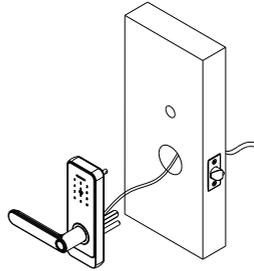
6. Installation steps

<p>I、Line drawing</p> <ol style="list-style-type: none"> 1. Draw a horizontal center line 1m from the ground on both sides of the door. 2. Fold the opening template in half, align the center line of the handle of the opening template with the horizontal line on the door, and draw the opening lines on the front and side of the door according to the requirements of the opening template. 	<p>II、Opening</p> <p>Open the panel and lock core mounting holes according to the requirements of the opening template.</p>
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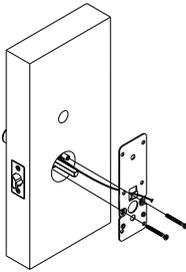
III. Install the lock

Install the lock mortise into the mortise hole in door frame, and secured to the door with two M5*20 screws.



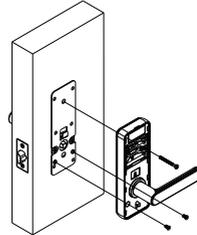
IV. Front Panel Installation

1. Install the hollow stud and square shaft on the front panel.
2. Align the shaft on the front panel with the square shaft hole on the lock mortise.
3. Install the front panel horizontally to the outside of the door.



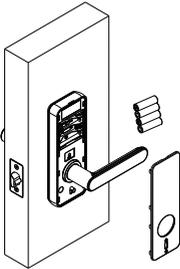
V. Back bottom Panel installation

1. Thread the front pair wires through the back bottom panel.
2. Attach the back bottom panel to the door, connect the front and back panel with two panel screws, lock and fix.



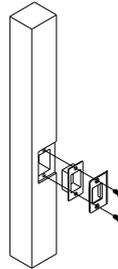
VI. Back Panel Installation

1. Align and insert the front and rear wiring.
2. Attach the back plate to the door, and lock the front and back panels with two panel screws, lock and fix.



VII. Installation of battery and rear cover plate

Install the new battery into the battery box according to the positive and negative alignment, and install the rear cover plate into the rear panel after the power is normal.



VIII. Install the door gusset plate

1. Put the door close to the door frame, draw the position of the lock tongue on the door frame with a pencil, and then draw the opening shape of the door frame.
2. After opening the hole, put the Latch box and the door gusset plate into the hole as shown on the left, and fix the gusset plate with 2 M5*20 screws.
3. Closing the door, check whether the lock tongue can be fully extended.



IX. Installation and debugging

1. Turn the handle, check the flexibility of the front and back handle.
2. Open the lock mechanical key hole cover, insert the mechanical key, twist the key in place clockwise, then push the handle to open the door, and check whether the key can open the door normally.
3. Test the door opening function after setting the door lock according to the door lock operation guide.

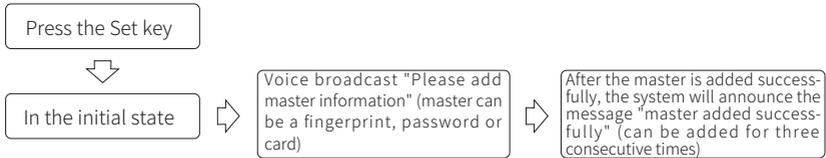
III、 Function and Operation

Initialization

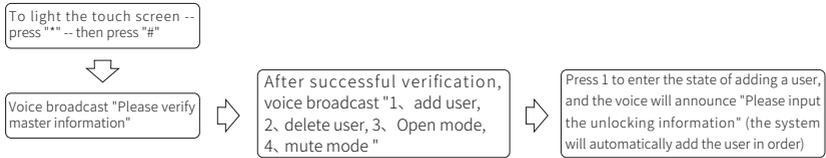
Press and hold the setting key (rear panel key) for 5 seconds, then the voice will announce “ Initialization is successful” .

Note: The initialization password is 123456, any fingerprint can open the door .

3.1 Add master information (up to three masters)

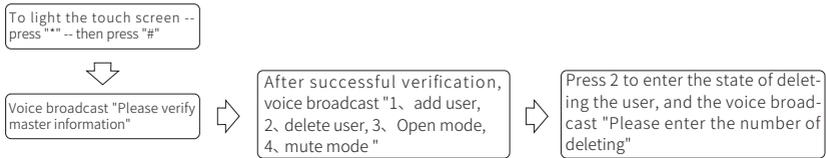


3.2 Add the lock unlocking information

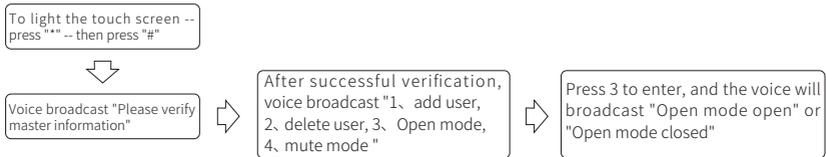


Note: The first 3 unlocking information are master users, and the maximum number of unlocking information is 300.

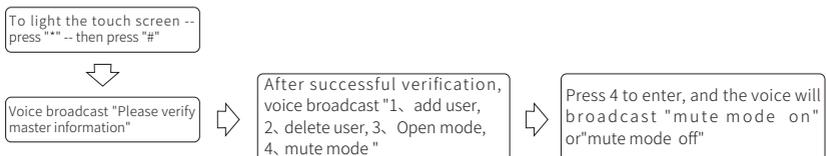
3.3 Delete user information



3.4 Open mode



3.5 Mute mode

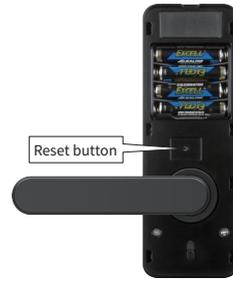


Note: After the mute mode is turned on, every time you open the lock, it will be silent.

3.6 Restore factory settings

3.6.1. Press and hold the reset and clear button on the 10s rear panel, the door lock will return to the factory default, and the voice and light will be restored successfully.

3.6.2. The factory default password is 123456, all fingerprint password card registration are cleared, and the operation record remains unchanged.



3.7 Low voltage alarm and battery replacement method

3.7.1 Battery Low voltage alarm

When the battery is low-voltage, when unlock by fingerprint / password / card, and the door lock voice prompts "the voltage is too low, please replace the battery".

3.7.2 Battery replacement method

Take out the old battery, put the new battery into the battery box according to the positive and negative pole alignment, and install the battery cover into the back panel after the power is normal.



3.8 USB emergency power supply and mechanical key unlock

When the battery has no power, use 5V power bank +micro USB cable and connect the micro USB port of the external emergency power supply to unlock normally, or use the mechanical key to unlock.



3.9 Electronic anti lock function

When the electronic anti lock key is pushed upward, it is locked, and when it is pushed downward, it is unlocked.



3.10 Other Instructions

- ◆ Input errors for more than 6 consecutive times, lock the keyboard for 1 minute, and do not respond to any operation within 1 minute.
- ◆ Password snooping prevention function: enter the password in the following way when checking the door: XXX password XXX; You can add some irrelevant numbers before and after the password, and then press # to confirm. The password must be included in the entered content.
- ◆ If there is no operation for more than 12 seconds each time, the system will exit automatically.
- ◆ After the voltage is lower than 4.8V, each unlocking will automatically alarm. The alarm rear door lock can be unlocked 200 times. After the number of times is exceeded, each unlocking will be handled as delayed unlocking. Be sure to replace the new battery before the number of times of unlocking.
- ◆ In the initial state, input 555666888# to switch between Chinese and English.

IV、Work with TUYA APP

4.1 APP Configuration (Tuya Smart)

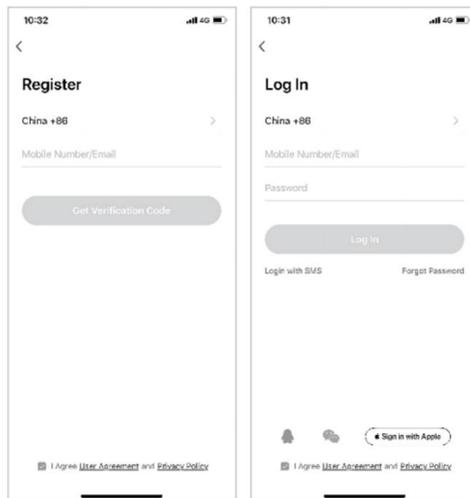
- 1) Search “Tuya Smart” in APP Store or APP market, download and install it.
- 2) Register with your cellphone number and log in.
- 3) Click “Security & Sensor” , find “Lock (Wi-Fi), click and add a device following instructions before use.
- 4) Remote unlocking: wake up the screen and press “9#”, APP will show “Click open remotely”, click “confirm” to remote opening the lock.



4.2 Smart lock manual

4.2.1 APP registration and login

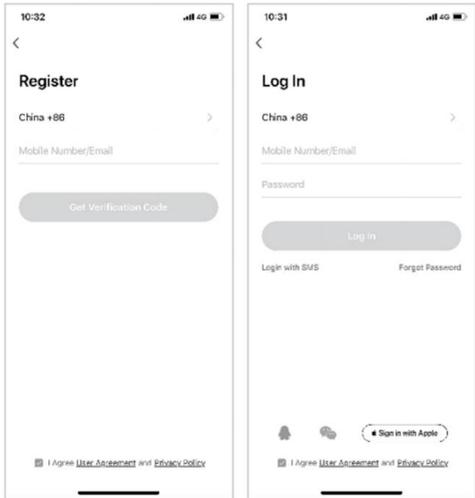
- * APP registration: if you do not have an APP account, you can choose to register or log in by SMS verification code.
- * Click “create a new account” to enter the account registration page. According to the prompt to obtain SMS verification code, settle password.
- * If you have an existing account, click “login with an existing account” to log in to the APP. Password, verification code, and social account login are supported.



4.2 Smart lock manual

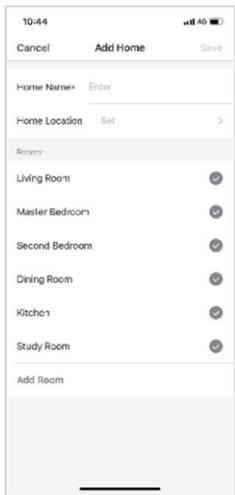
4.2.1 APP registration and login

- * APP registration: if you do not have an APP account, you can choose to register or log in by SMS verification code.
- * Click “create a new account” to enter the account registration page. According to the prompt to obtain SMS verification code, settle password.
- * If you have an existing account, click “login with an existing account” to log in to the APP. Password, verification code, and social account login are supported.



4.2.2 Create Homes

- Create your home after registering and logging in successfully.
- * Each account can create and add multiple homes, and devices can be grouped by room in the home.
 - * Weather and other functions depend on the geographical location of the family, which is recommended to set in advance.



4.2.3 Add Wifi lock

- * On the Tab of “my home”, click “+” in the upper right corner to enter the interface in figure 1, select the WiFi door lock in security sensor part and enter the page in figure 2.
- * Select the status of the indicator light of “EZ mode” in figure 3. Press “reset” button and WIFI LED light flashes fast.
- * When the device is showed on the APP, click “+” in figure 4. The lock is added successfully. You can modify the device name.



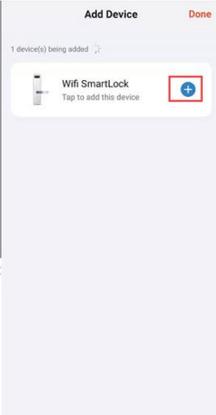
(Figure 1)



(Figure 2)



(Figure 3)



(Figure 4)

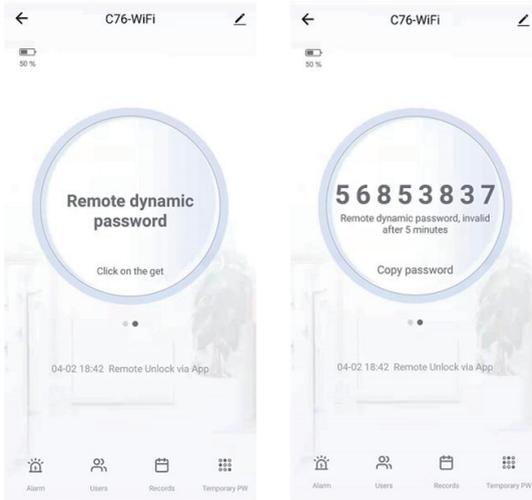
4.2.4 Home page

- * Home page includes remote unlock, alarm message, users message, record and temporary password and other functions.
- * Remote unlock: initiate a request from the door lock by press “9#”, the APP can respond to allow / refuse door opening.



4.2.5 Dynamic password

Click to get the dynamic password meanwhile copy the password and text to other user.



◦ 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 caused by 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