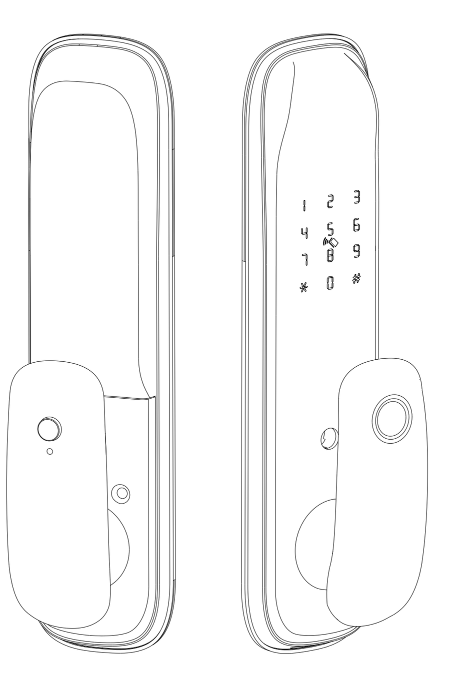
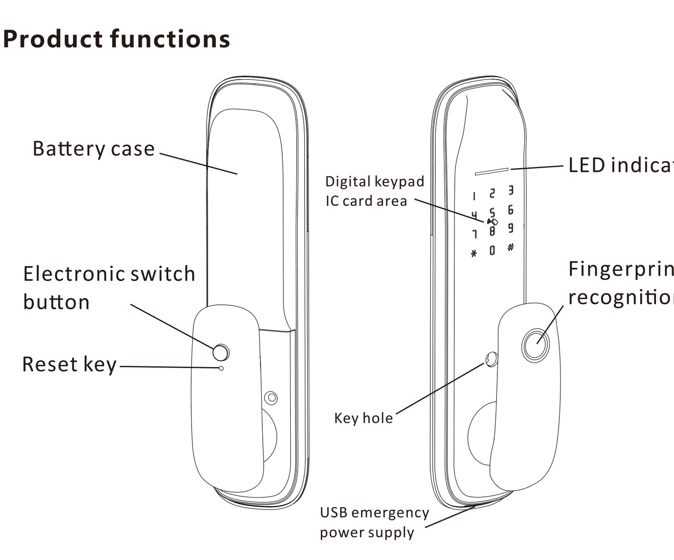
User Manual



1. Product Features
1) Unlock ways: Fingerprint, Password unlock, key unlock, IC card
2) Dual mode: passage/lock mode can be switched at will.
3 Low voltage alarm function emergency power supply interface.
4) Applicable to the 35-55mm wooden door or steel door.
5) Adapted lock body: 5050 dedicated electronic lock body
6) Suitable places: residential areas, public transportation, offices, homestays, etc.

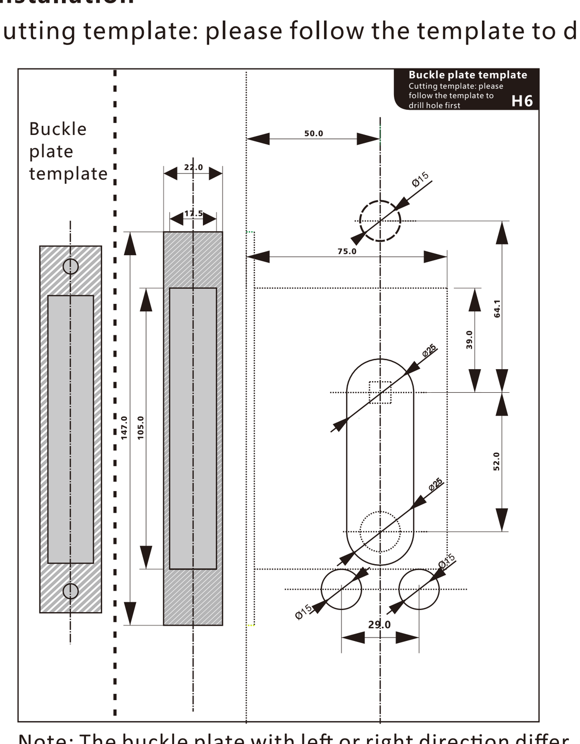
2.Product functions



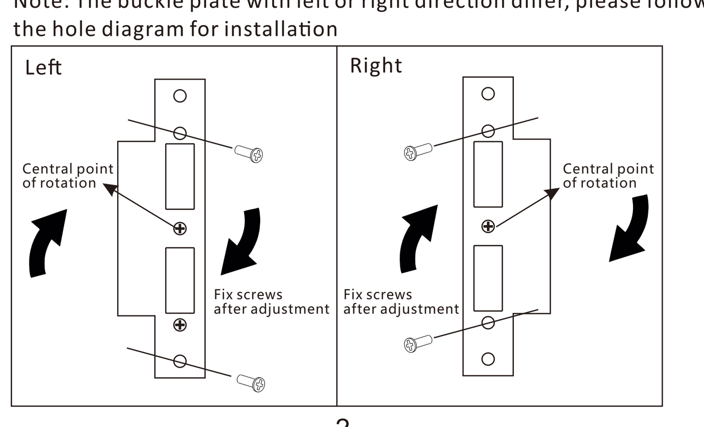
1) MicoUSB emergency power supply interface: use power bank for emergency open when low voltage
2) Electronic switch button: quick unlock with one button
3) Key to unlock: use mechanical key to unlock when there is no power or electronic failure
4) Fingerprint identification: use the registered fingerprint to unlock.
5) digital keys/IC card induction area: use the registered password or IC ard to unlock
6) Battery box cover: open the battery box cover to replace the battery.
7)Reset key: function setting and initialization.
8)Mechanical unlock knob: use the mechanical unlock knob to unlock when there is no power or electronic failure
Note: There is no need to rotate the handle for daily opening/ closing the door

3.Installation

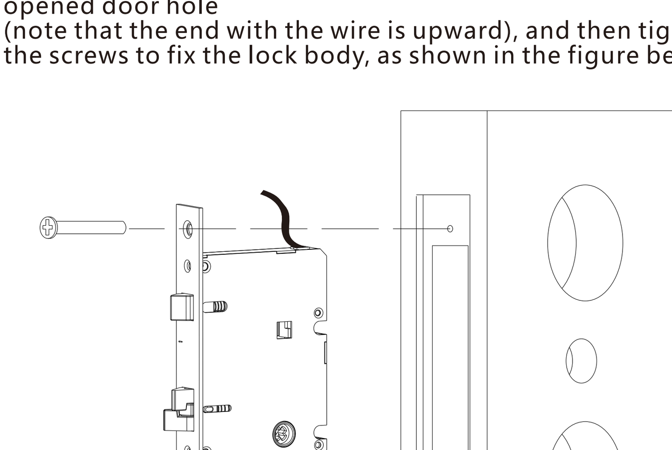
1)Cutting template: please follow the template to drill hole first



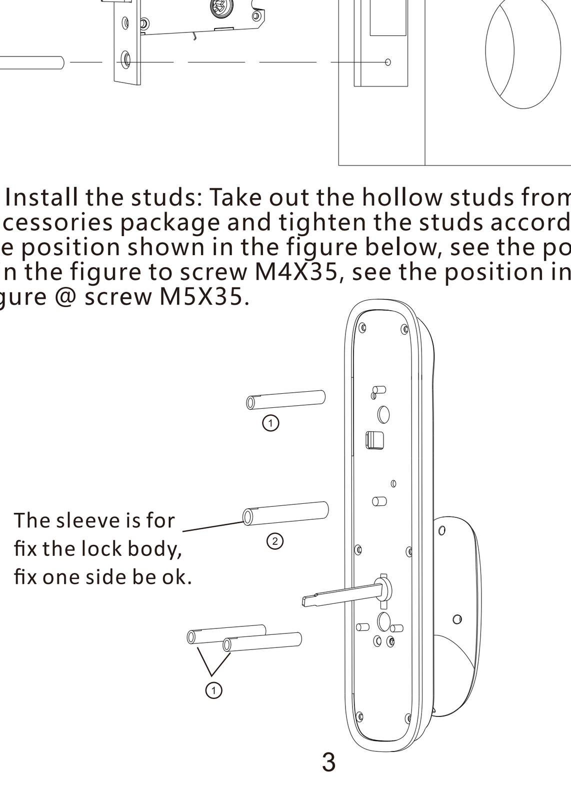
Note: The buckle plate with left or right direction differ, please follow the hole diagram for installation



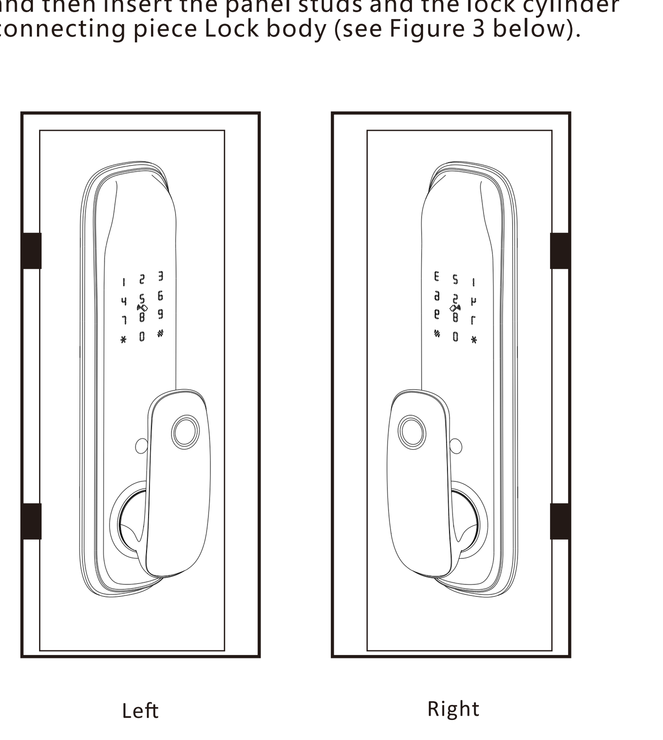
2) Install the lock body: first insert the lock body lock into the opened door hole
(note that the end with the wire is upward), and then tighten the screws to fix the lock body, as shown in the figure below

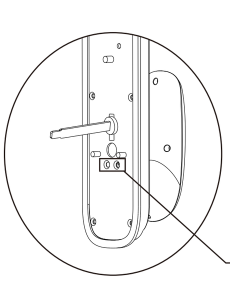


3) Install the studs: Take out the hollow studs from the accessories package and tighten the studs according to the position shown in the figure below, see the position 1 in the figure to screw M4X35, see the position in the figure @ screw M5X35.

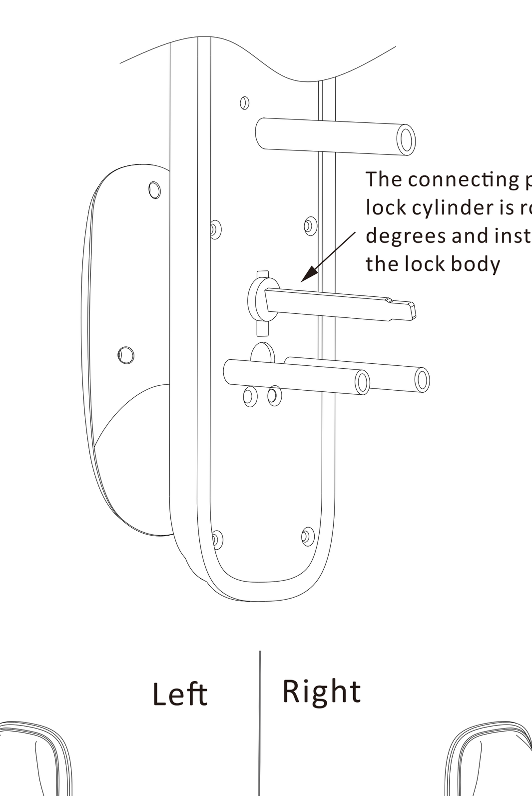


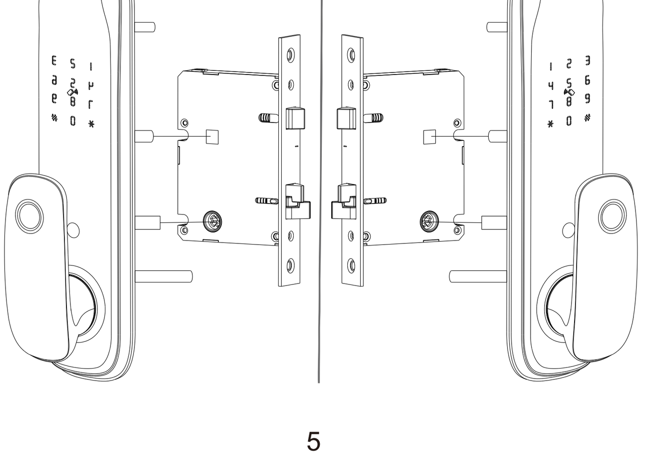
4）Install the front panel: first confirm the door opening direction, as shown in Figure 1 below, then adjust the position of the lock cylinder connecting piece as shown in Figure 2 below, connect the lock cylinder motor wire, and then insert the panel studs and the lock cylinder connecting piece Lock body (see Figure 3 below).



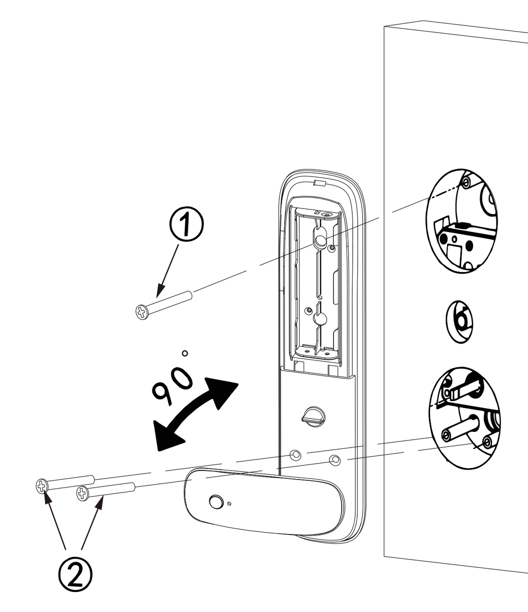


Change the direction of the handle of the lock: Remove the reversing screw and adjust the direction of the handle according to the direction of the door. Do not install the handle in a reverse directionAfter the mechanical key opens the door, it is easy to hit the door frame and cause damage.

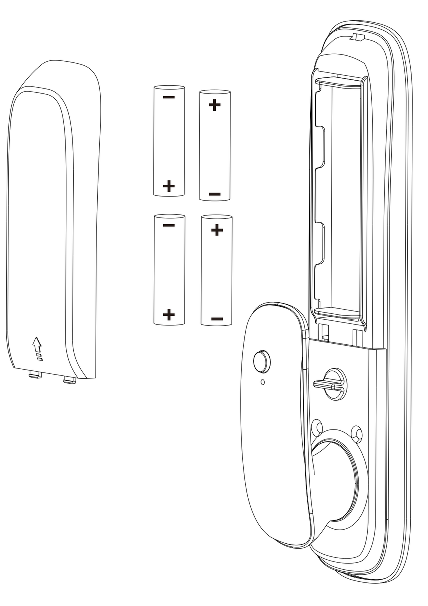




5)After installing the back panel, first turn the handle 90 degrees, take out the battery cover, connect the connection line and hide the excess line in the hole, and install the rear lock on the door, (note: the lock cylinder connecting sheet is inserted into the cross hole of the mechanical knob on the lock surface, no falling off is allowed), align the hole with the hole and then screw on the pull screw, reference below image. Note: The mechanical knob ensures that the pulling screws are tightened under smooth opening and closing. Position 1 in the figure below uses M4X35 screws, position 2 in the figure below uses M4X45 screws.



6) Replace the battery: push the battery cover according to the arrow direction of the battery box cover and install the battery (note the direction of the positive and negative poles of the battery), as shown in the figure below.



Operating instructions

1) Unlock information: refers to the entered fingerprint, password or IC card information (including administrators and ordinary users)
2) "*" key: Clear key/Back key
3) "#" key: It is the confirmation key or the function key to enter the menu
2. Initial state
1) The factory administrator's initial password is "123456". In the initial state, any fingerprint, IC card or password can unlock the lock.

Door lock function management

Initial state → Press "*#" → Voice tips: please input administration information → Press 1 for administrator setting, press 2 for user setting, press 3 for system setting, press 4 for reboot system

1.Administrator setting
1)press 1 for add administrator setting
press 1 for add administrator setting, please input administrator, input fingerprint or password(fingerprint input 4 times, password input 6-8 digits number for twice, IC card swipe 1 time)

2)Please enter the serial number and press # to confirm (002#) (It cannot delete all, the first administrator will be retained)

3)Network setting

Adding device → Camera/lock → Door lock (Wi-fi) → Internet and input password → Searching device → No → Fast flash(0.5s/1)

First add at least one administrator and then operate as follows
(note: the anti-lock button cannot be in the anti-lock state)
add network
3.1 Search for "Tuya Smart" in the App store or app store to download and install the App
3.2 Register and log in with your mobile phone number.
3.3 Click on the "Tuya Smart" interface to add devices, find the "Camera/Lock" and click on "Record Door Lock Wi-Fi" and follow the prompts to complete the addition of the device and use it.
3.4 Lock first press ""*" and then press "#" to verify the administrator successfully and then voice broadcast 2: 1. Add user; 2. Delete user; 3. Normally open mode
4. Silent mode; 5. Time setting; 6. Add Network; 7. Delete the network, press "6", voice broadcast: 1 hotspot connection, 2 smart connection, press "2" Voice broadcast: operation is successful.
Note: Add successfully Voice broadcast: Operation succeeds Add failure Voice broadcast: Operation failed
3.5 After waking up the panel, enter "9#" to connect to the Internet

User setting
1）Add user
Press "1"voice prompt: please input user information, input fingerprint or password(fingerprint input 4 times, password input 6-8 bit digital twice), IC card input one time. It can input another user information after it successfully.

2) Press "2"for delete user
Press "2"voice prompt: press "1" input number delete, press "2"delete all, press "1" input number(010#) delete success.

3.System setting
1) Press "3" voice prompt: press "1" for voice setting; press "2" for unlock mode setting; press "3" language setting, press "4" time setting, press "5" for modify room number.

2) Unlock mode setting
Press"2" voice prompt: press "1" for single unlock, press "2"for combine unlock. Press "1" voice prompt:operate success.

3) Language setting
Press "3" voice prompt: Press "1" for Chinese, press "2" for English.

4) Time setting
Press "4" voice prompt: present-time is 1903041153, please modify. Please modify based on the format (year-month-day, for example: 1903041153), and then press # to confirmed, it would tell you "Successful"

5) Room number modif
Press "5" voice prompt: room number 8888, please modify. You can input 4 numbers and press # to confirm. It would tell you "Successful"

4.Restore factory setting(Press the restore key under the battery cover on the rear panel of the lock around 6-8 seconds and hear a "?Di"? beep tone, restore successfully.

Other notes

1)The system will automatically enter the invalid input state if the unauthorized unlocking information is continuously incorrectly input for more than 5 times within 5 minutes, and the invalid input state will lasts for 90 seconds.

2)After the voltage is lower than 4.5v, the lock will automatically alarm every time when it is opened. After the alarm, the lock can be opened for 200 times. After the number of times exceeds, each unlock delay is 5 seconds, new batteries must be replaced before the number of times available.

3)Password peeping prevention function: Input password as follows when opening the door with password: XXX password XXX; you can add some extraneous codes before and after the password, and then press # to confirm. The password must be included in the input contents.

4)If there is no operation more than 10 seconds , system will automatically exit.

5)Initialization setting: Press the restore key under the battery cover on the rear panel of the lock around 6-8 seconds, all the unlock information and records will clear after initialization(Please carefully operation)

6)Normal open mode under close status, press 5 #, voice prompt "please input unlock information", input unlock information, voice prompt "Normal open mode, please attention to lock".

7)Normal open mode under open status, press "5#", voice prompt "? Normal open closed)

8)Anti-lock function: After pressing back locking key, the voice says "the door is locked". Now, ordinary users cannot open it, and only administrators can unlock.

9)Under initialization status, input "555666888?,support switch language of " English and Chinese".

Technical Parameters

Technical Parameters			
	Items	参数	备注
1	Static Current	≤50uA	
2	Static average current	≤90uA	
3	Dynamic current	≤250mA	
4	Administrator	9	
5	Fingerprint+password + card	300	
6	Fingerprint head	Semi-conductor	
7	Fingerprint comparison time	≤0.6S	
8	Fingerprint recognition degree	360 degree	
9	False Rejection Rate	<0.1%	
10	false accept rate	≤0.0001%	
11	Induction time	≤0.1 S	
12	Power supply type	6V	
13	Emergency power supply	5VDC	
14	working temperature	-10°C~55°C	
15	Working humidity	20%~90%RH	
16	Voice prompt	YES	
17	Keypad	Touch standard 12-bit keypad	
18	Password length	6 digits keypad	
19	Lower power alarm	4.8+0.2V	
20	Virtual password	16	
'21	Unlocking time	≤1S	

packing list

Name	QTY	Name	QTY
Front panel Components	1pc	Rear panel	1pc
45*3.8 cross countersunk head screw	2pc	KEY	2pc
35*3.8 cross countersunk head screw	1pc	Manual	1pc
Certificate of Conformity	1pc	Mortise	1pc
Buckle plate	1pc	Plate case	2pc
4*20 Countersunk head t apping screws	2pc	Nut 6×35	3pc
		Nut 7.7×35	1pc
2.8*20 screws	2pc	IC card	2pc

Dimension of panel

