HLSeries Smart Lock

Important: Please carefully read this manual before operation and retain it for future reference.

Front Handle

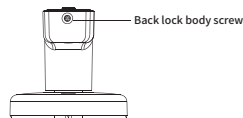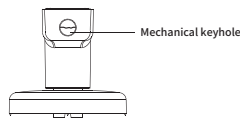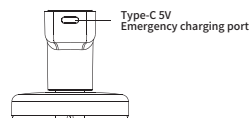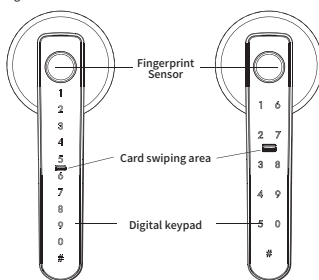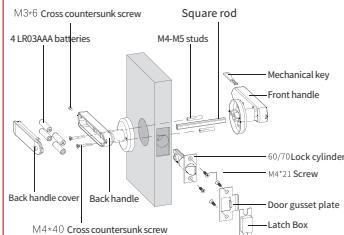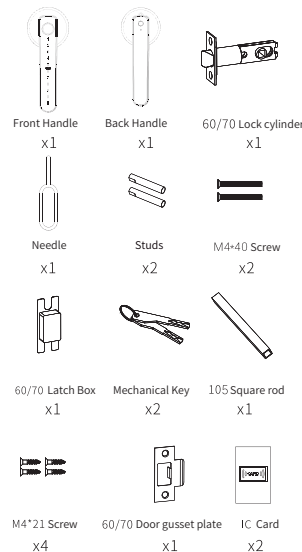**Single Row Touch Buttons** **Double Row Touch Buttons**

- Fingerprint Sensor
- Card swiping area
- Digital keypad

- Type-C 5V Emergency charging port
- Mechanical keyhole
- Back lock body screw
- Always open mode button S2
- Reset button S1
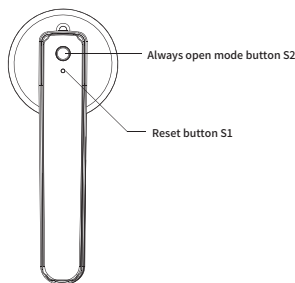
Back Handle

Door lock installation diagram

M3*6 Cross countersunk screw
4 LR03AAA batteries
Square rod
M4-M5 studs
Mechanical key
Front handle
60/70 Lock cylinder
M4*21 Screw
Door gusset plate
Latch Box
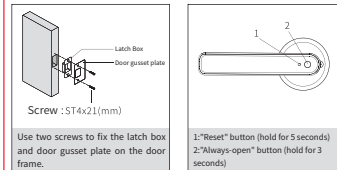Back handle cover
Back handle
M4*40 Cross countersunk screw

Tips ⚠ (1) Use two self-tapping screws to firmly fix the 6070 lock on the door; after the wire passes through the square rod hole, (2) Then pass the square rod through the square hole of the lock.

Accessories List

Front Handle x1	Back Handle x1	60/70 Lock cylinder x1
Needle x1	Studs x2	M4*40 Screw x2
60/70 Latch Box x1	Mechanical Key x2	105 Square rod x1
M4*21 Screw x4	60/70 Door gusset plate x1	IC Card x2

Tips ⚠ Open the product package and check whether the above accessories are included.

Use two screws to fix the latch box and door gusset plate on the door frame.

Latch Box
Door gusset plate
Screw : ST4x21(mm)

1:"Reset" button (hold for 5 seconds)
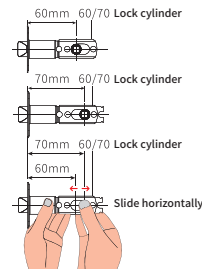2:"Always-open" button (hold for 3 seconds)

Measuring the size of the door

Ensure that the thickness of the door is between 30 - 50 mm, the diameter of the door - opening hole is Φ54 mm, and measure the distance from the lock body to the door bolt back is 60/70 mm.

Ø54mm
2.12in
60/70mm
30~50mm
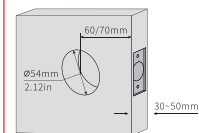
Tips ⚠
(1) Applicable door thickness is 30~50mm. If the door thickness exceeds this range, please contact us for more information;
(2) For doors 30-40mm thick, please use 28mm studs; for doors 41-50mm thick, please use 40mm studs

Please install the door lock according to the following steps.

60mm 60/70 **Lock cylinder**
70mm 60/70 **Lock cylinder**
70mm 60/70 **Lock cylinder**
60mm
Slide horizontally

Adjust the backset (60/70 mm) of the lock body according to the requirements. When adjusting the backset, hold the square hole on the lock firmly with your hand. The shifting part must be pushed to the edge of the lock, and the front and back square holes must be in a horizontal state.

60/70 Lock cylinder

Screw : ST4x21(mm)
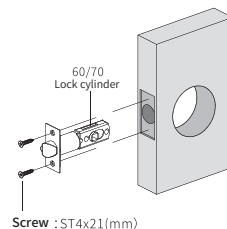
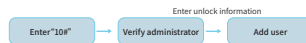Fix the lock cylinder with two screws.

Product features and advantages

- You can use fingerprints, passwords, cards and keys to unlock;
- Multiple volume modes available, user-friendly operation;
- It has the function of preventing others from seeing the password;
- Automatically detect power level and provide early warning;
- All components are from internationally renowned brands with stable and reliable quality;
- The door lock modules are all waterproof, moisture-proof and mildew-proof;
- Door lock modules have undergone high and low temperature, vibration, aging and other tests to adapt to harsh environments.

When no user is registered, any fingerprint or the initial password "123456" can unlock the smart lock. When a fingerprint or password is registered, unauthorized fingerprints and password attempts will no longer work. When no administrator is set, any fingerprint or the initial password "123456" can access add mode. When an administrator is registered, their verification is required to enter add mode and add new users.

Product technical parameters

Function	content	Detailed Description
Unlocking method	Fingerprint + Password + Card + Key	
Number of administrators	3 people	01-03
Number of users	Fingerprint, password, card 100 sets each	Shared by fingerprint, card,and password
Fingerprint	100 sets	Fingerprints need to be entered 5 times (please enter from multiple angles)
Card	100 sets	The card only needs to be entered once
Password	100 sets	The password needs to be entered twice within the "#" key to confirm (the 6-digit password must be the same twice)
Virtual password length	≤24	This product has a virtual anti-peeping password. You can enter garbled characters before and after the registered password.
Low voltage alarm	4.6 V	When the voltage is lower than 4.6V, the red indicator light will flash 5 times continuously, and the lock can still be unlocked.
Supply voltage	6V	New battery voltage when fully charged
Emergency power supply	5V DC	USB interface
Working temperature	-25℃~65℃	
Working humidity	20%~90% RH	

Detailed operation of lock end

1.Add user

Enter "10#" → Verify administrator → Enter unlock information / Add user

1. When verifying the administrator, if no administrator is registered, any fingerprint or the initial password "123456" can be used to enter and add the administrator/user.
2. The first three users are administrators, and the fourth or more users are regular users Connect users;
3. The valid length for a numeric password is 6 digits. If the password exceeds this length, registration will fail;
4. Fingerprints need to be entered 5 times, passwords 2 times consecutively, and cards entered once. A successful input is indicated by a green light;
5. After successful registration, the system will automatically enter sleep mode;
6. The maximum number of users is 200.

2. Volume setting

Enter "21#" → Verify administrator / Select volume → 1 Low volume 2 Medium volume 3 High volume 0 Quiet
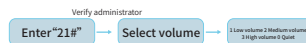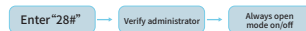
1. If the system has not registered an administrator, after entering "21#", enter the initial password or any fingerprint to set the volume;
2. In the volume setting interface, only keys 1, 2, and 3 are valid for selection. Pressing other keys will be invalid and the volume setting mode will pop up;
3. After other numbers are deleted by the administrator, the system will automatically replace their numbers when they are entered again.

3. System initialization

Enter "888#" → Verify administrator → Initialization
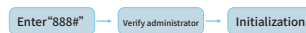
1. After entering "888#" and verifying the administrator, the system will be initialized directly;
2. After initialization, anyone can unlock the door without a password; after setting up an administrator, the person needs to be entered to unlock the door.

4. Always open mode selection

Enter "28#" → Verify administrator → Always open mode on/off

1. If the system has no registered administrator, after entering "28#", the always open mode will be turned on/off directly;
2. In the normally open mode, the normally open mode will be automatically closed after the password is entered.

5. Switch/button

Switch/button s1.s2 → Long press/short press → Operation

1. Short press the reset switch (s1): Add administrator/user function. If the system has already registered an administrator, the administrator needs to be verified before adding;
2. Long press the reset switch (s1): Force the system into initialization mode, without verifying the administrator, directly initialize the system;
3. Normally open button (s2): Short press the normally open button s2 to quickly turn on/off the normally open mode. To turn on the normally open mode, the administrator needs to be verified;
4. Long press for 5 seconds, any time shorter than 5 seconds will be considered a short press.

6. Enter IC card

Enter "10#" → Verify Administrator → Enter IC card

1. First, register as an administrator and set up according to "1. Add User Operation";
2. After entering "10 #", the administrator needs to verify it, and ordinary users cannot perform this operation;
3. After successful verification by the administrator, place the IC card in the "swipe card area" for sensing. When a "ding" sound is heard, it indicates that the IC card has been successfully entered;
4. Perform the "2" and "3" operations again to enter the second IC card.

APP download (optional)

1. Please download the "tuya" app from the App store/Play store or scan the QR code on the right to download the software;
2. Please ensure that the device is powered on normally and operate without registering an administrator.

Video tutorial

Scan the QR code with your phone to watch the product installation video.

Installation video

New Upgrade
Smart fingerprint and passcode lock

Smart Fingerprint Lock

Empowering Your Entry with Intelligent Security