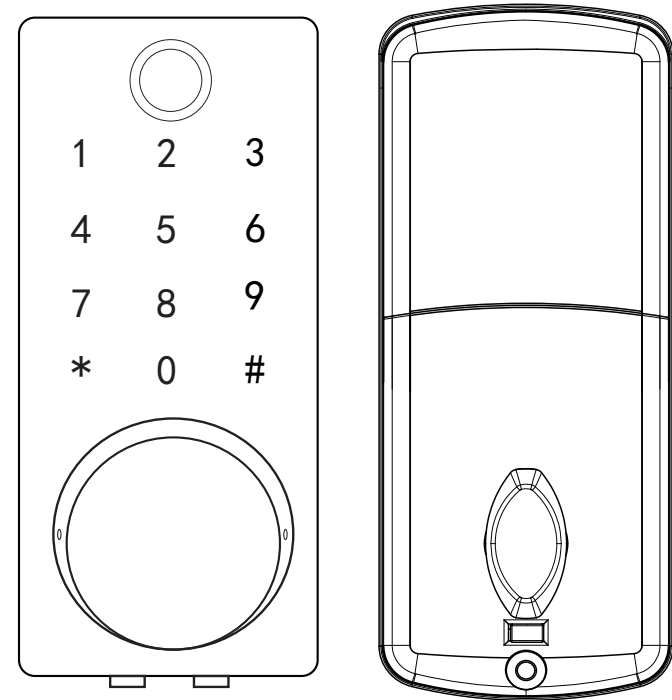


# USER MANUAL



## Note:

1. This lock is equipped with mechanical keys for manual unlocking. Remove mechanical keys from the package and keep them in a safe place and always have access to them.
2. To power on the lock, four alkaline AA batteries(not included) are required. Non-alkaline and rechargeable batteries ARE NOT RECOMMENDED.
3. This lock is used outdoors and indoors, it is designed to be exposed to sunlight or rain, the waterproof rating: IP5.
4. The operation of setting lock has a stand-by time limit of 10 seconds; Without any activity, lock will shut after 10 seconds.
5. Keep your fingers clean when using this lock.

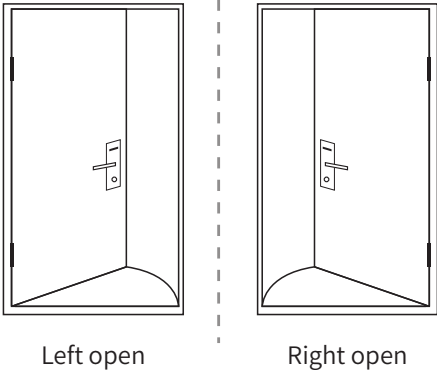
Please read this manual before operating your Smart Lock, and keep it for further reference.

# Door Preparation

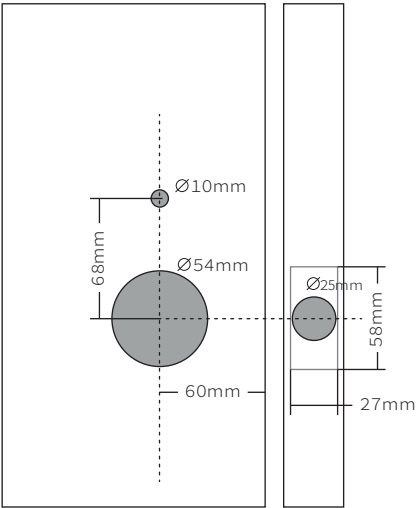
1. Check door thickness and Door Frame.

- Door frame  $\geq 110\text{mm}$
- Door thickness: 38-48mm

2. Check door open direction.



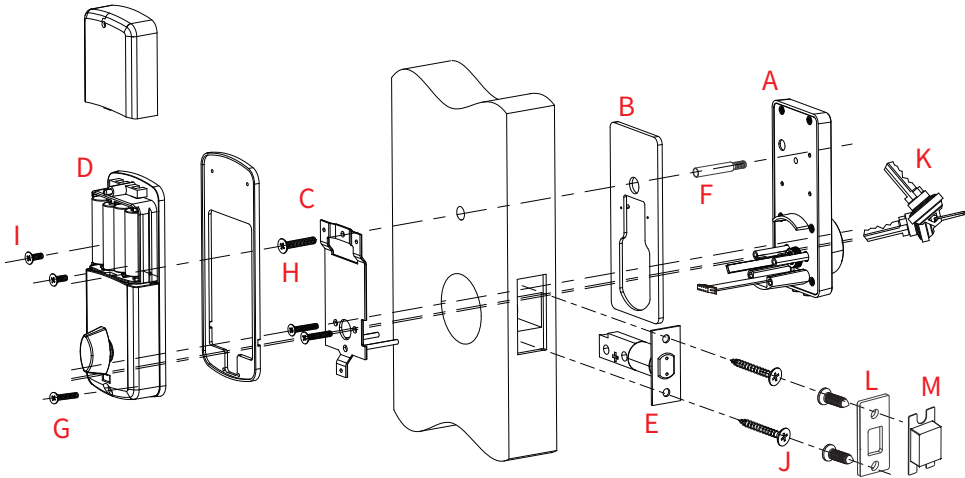
Door drill hole map



# Packing List

<b>A</b> 	<b>B</b> 	<b>C</b> 	<b>D</b> 	<b>E</b> 
<b>F</b>  40mm	<b>G</b>  25mm	<b>H</b>  30mm	<b>I</b>  10mm	<b>J</b>  25mm
<b>K</b> 	<b>L</b> 	<b>M</b> 		

# Installation Diagram

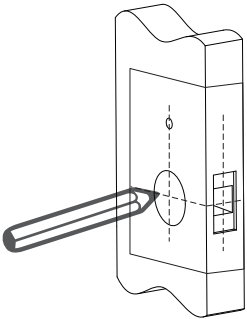


- A) Outdoor lock body \* 1
- B) Silicon gasket \* 1
- C) Mounting plate \* 1
- D) Indoor lock body \* 1
- E) Deadbolt \* 1
- F) Cylindrical sleeve bolt \* 1
- G) M4 x 25mm cross flat head bolt \* 1
- H) M4 x 30mm cross flat head bolt \* 3
- I) M4 x 10mm cross flat head bolt \* 2
- J) M4 x 25mm cross flat head self-tapping screw \* 4
- K) Mechanical key \* 2
- L) Strike plate \* 1
- M) Latch holding plastic box \* 1

# Installation Diagram

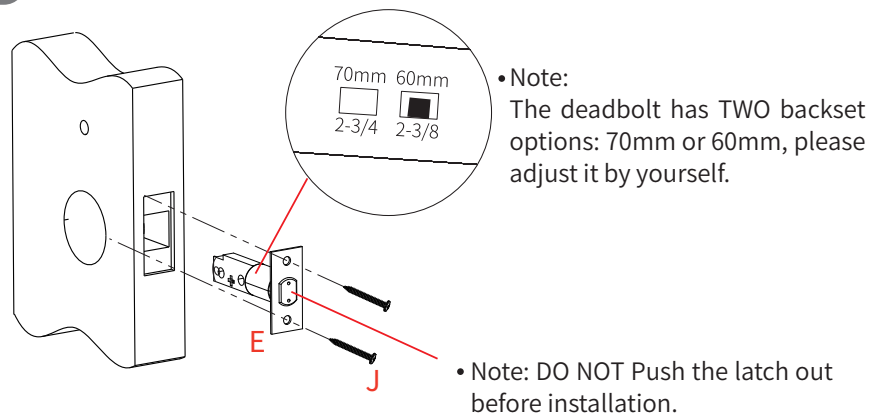
Step 1

According to the map drilling holes on the door.

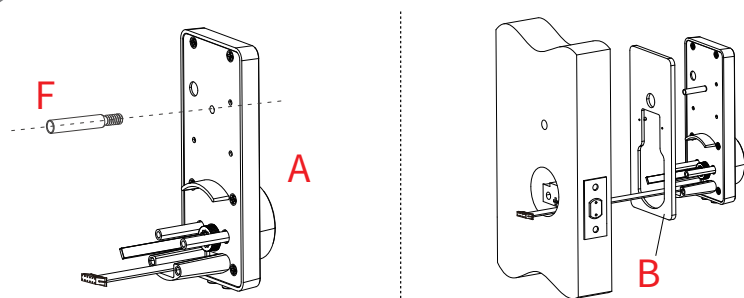


- Note:
- 1) Check the required backset (60mm or 70mm).
  - 2) Align the template along the vertical center line of the deadbolt(E) at the desired height, and tape it to the door.
  - 3) Mark the holes first, then start drilling.

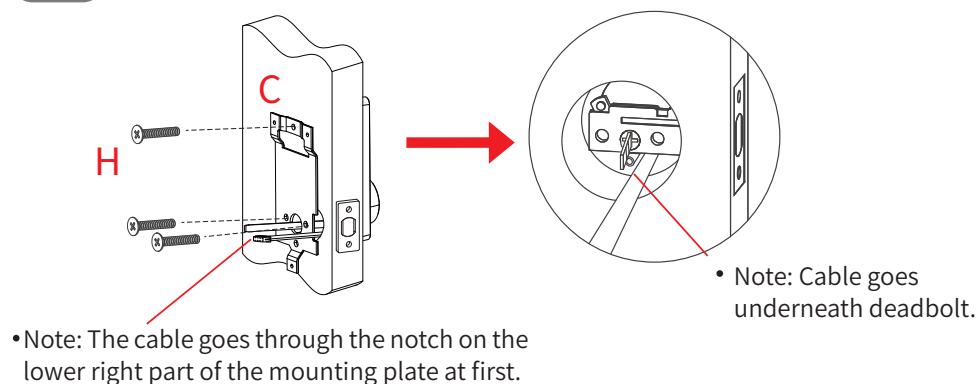
**Step 2** Install the deadbolt (E) with screws (J) on the door.



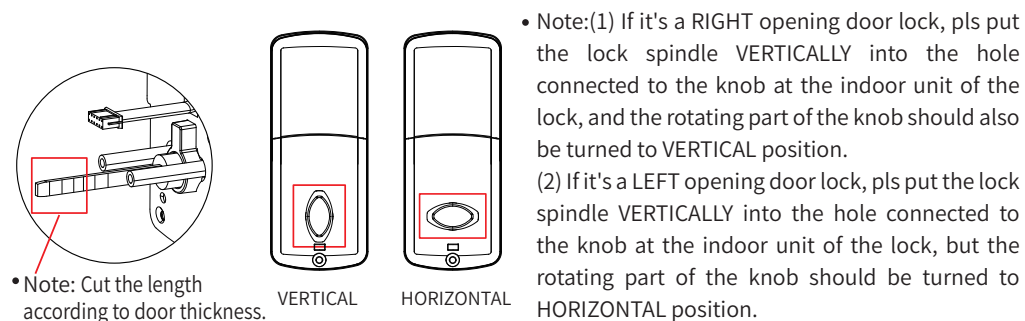
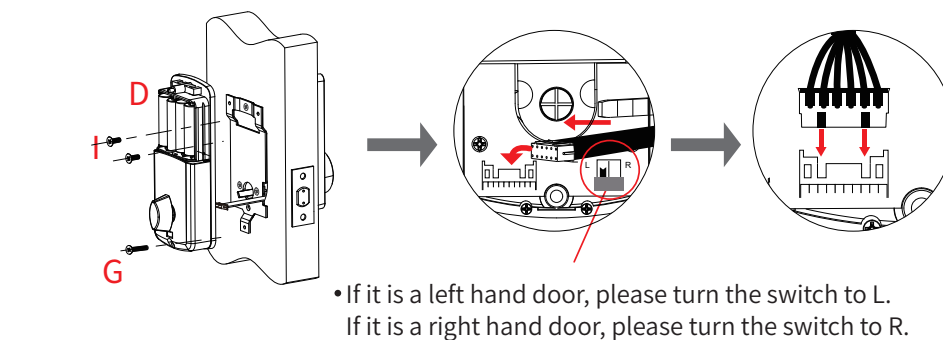
**Step 3** Install outdoor unit(A) with cylindrical sleeve bolt(F) and gasket(B) on outdoor unit(A).



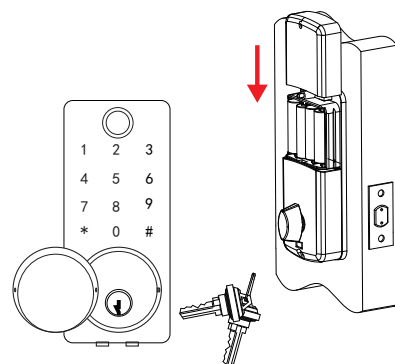
**Step 4** Install mounting plate (C) with M4 cross flat head bolt (H) on the door.



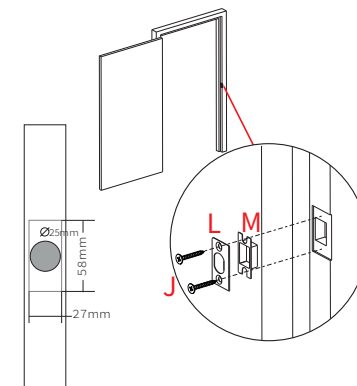
**Step 5** Install indoor unit(D) with M4 cross flat head bolts(I, G) on the door.



**Step 6** Install 4 pieces AA Alkaline batteries.



**Step 7** Mark and drill holes for strike.



# Feartures

- **Accessing** - Five ways to access the lock: App access, Fingerprint, Password, Card & Mechanical key.
- **Safety** - There are multiple safety mechanisms within the lock.
  - a) Auto-Lock: You can set an Auto-Lock time. The lock will lock automatically by the Auto-Lock time you set after unlocking.
  - b) Keypad Locked: After 5 failed password attempts, the keypad will shut down for 3 minutes before being able to attempt the password again. Mechanical key can be used to unlock in this state.
- **Randomizer** - Before you enter your password, you can push some random numbers to prevent the password from being inferred based on the fingerprint on the frequently pushed numbers and from being seen by anyone nearby.
- **Emergency Power Supply** - Emergency power supply interface equipped on the front bottom side of the smart lock: to unlock the door temporarily by connecting to the emergency power supply interface with a 9V backup battery.
- **Real Time Record** - You can check unlock records in real time in your App.

# Product Profile

## Specifications

Material	Zinc Alloy	Model NO.	S110BTUYA-F
Door thickness	38mm-48mm	Code Length	4~10 digits
Working Temperature	-20°C~70°C	Working Humidity	20%~80%RH
Working Power Consumption	<200mA	Static Power Consumption	<30uA
Power Supply	6V (4pcs AA Alkaline Batteries not included)		
Unlocking Methods	App Access, Fingerprint, Card, Password & Mechanical Key		
User Capacity	5 Administrators (Fingerprint/Card/Password)		
	295 normal users (Fingerprint/Card/Password)		
	Unlimited App temperary passwords		
Product Dimension	Front	60(W) x 137(H) x 29(D) mm	
	Back	67(W) x 164(H) x 30(D) mm	

★ All specifications are subject to change without notice. All rights reserved.

# Operation Guide

## Reset (System initialization)

1. Remove one of the batteries.
  2. Short press the privacy button (right below the knob) on the back panel for a few times to fully discharge the lock.
  3. Long press the privacy button, and put the battery back.
  4. The system prompts 5 key sounds, and the number key lights up one by one from "5"- "4"- "3"- "2"- "1".
  5. When hearing the voice prompt "System initialization, please wait", release the button. The system enters the initialization mode and the lock will be reset.
- ★ Under initialization mode, the administrator password is **123456**. The lock can be unlocked by any card.

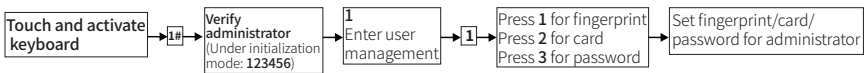
## Enter the system menu

1. Touch and activate the keyboard, press "1#" to enter the administrator verification interface.
  2. You will hear the voice prompt "Please verify the administrator". Then input the correct administrator (fingerprint/card/password) to enter the system menu (you need to press # to confirm after entering the password; in the initialization state, please enter "123456#").
  3. After entering the system menu, number keys will light up and prompt the corresponding function. Please select the corresponding number to operate according to needs. Please set at least one administrator (fingerprint/card/password) before using the lock ("X" means cancel or return to the previous level, "#" means confirm or complete).
- ★ Some functions in the system menu can only be displayed and accessed after setting the administrator information. Therefore, please set at least one administrator before using the lock.

## Exit the system menu

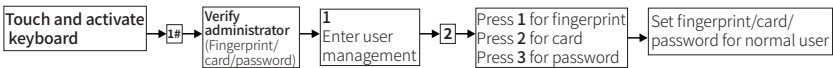
1. If there is not any operation for more than 10 seconds, the number key lights will be off and the system will exit the menu.
2. "X" means cancel or return to the previous level. If you need to exit the operation during setting or using the lock, you can keep shortly pressing the "X" key until the keyboard light goes out.

## Set administrator



Under initialization mode, administrator information is 123456. Totally 5 fingerprint/card/password administrators can be set, number is from 1 to 5.

## Set normal user



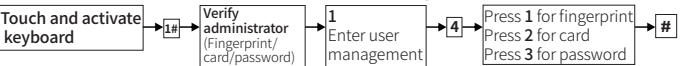


A total of 295 fingerprint/card/password normal users can be added. The number of normal users are from 6 to 300. At least one administrator needs to be set before adding normal users.

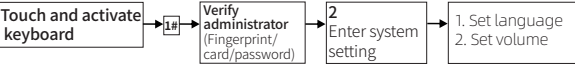
● **Delete administrator/normal user by number**



● **Delete normal user by category**



**System setting**



- 1. Set language: Language can be chosen. 1 for Chinese, 2 for English.
- 2. Set volume: There are 5 grades of volume. 1 for up, 2 for down.

**Set Auto-lock time**

You can set an Auto-Lock time. The lock will lock automatically by the Auto-Lock time you set after unlocking.



**Reset (system initialization) by keyboard**



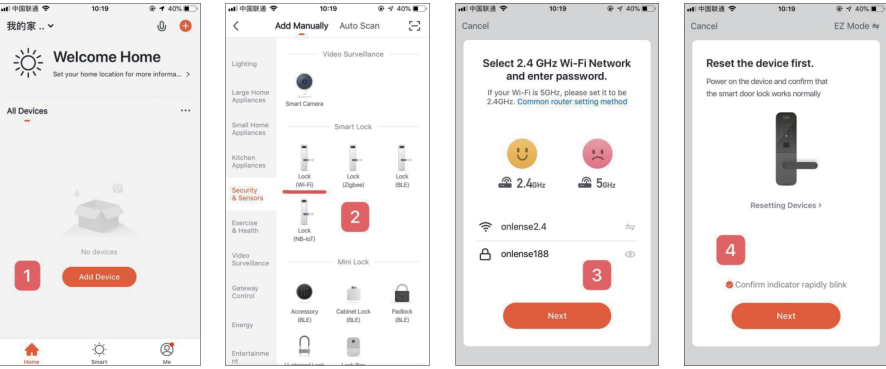
**Pair the lock with Tuya App**

Please set at least one administrator (fingerprint/card/password) before pairing the lock with Tuya App. If you use Tuya App for the first time, please search and download "**Tuya Smart**" in your phone's Apple store or Google Play store, register a Tuya account and log in. You can also download the Tuya App by scanning the below QR code.

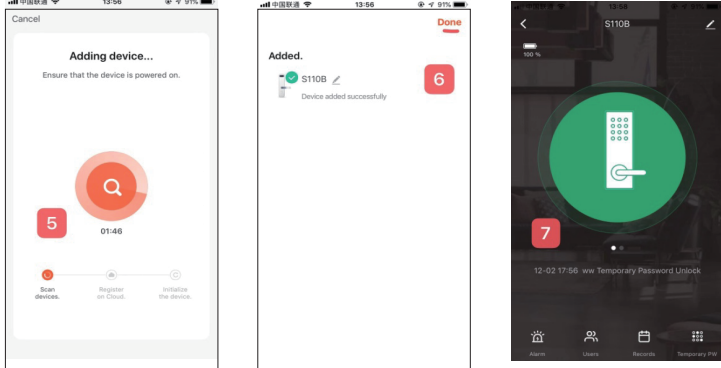


Follow below steps to connect with Tuya App:

1.Log in Tuya App by following steps indicated in picture 1~4.



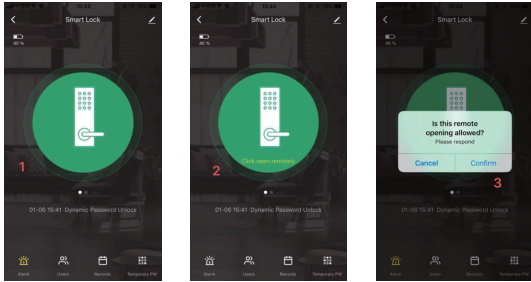
2.Touch the screen of lock, and press **2#** to verify administrator (fingerprint/card/password), then Tuya App will search and pair this lock (follow the steps indicated in picture 5~7). After successfully pairing , Tuya App in your phone becomes the master of lock.



★ Please use Wifi 2.4GHz, when pairing the lock with Tuya App.

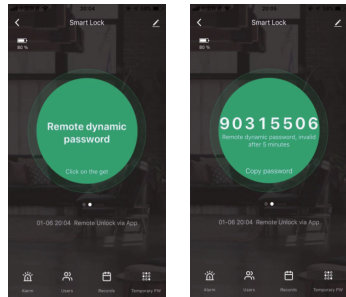
**Apply for remote unlocking**

The visitor can apply for remote unlocking. After communicating with the lock-master, the visitor can press **4#**, and the lock-master will receive the information in Tuya App to unlock.



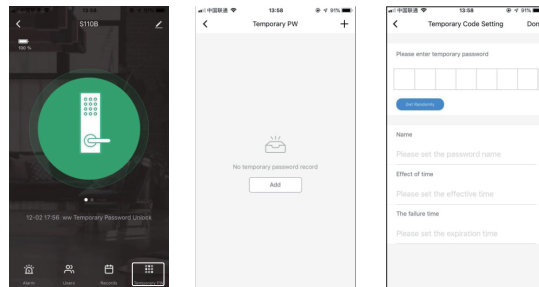
## Unlock by remote dynamic password

The visitor can unlock with remote dynamic password created in Tuya App. The remote dynamic password is valid in 5 minutes after created.



## Unlock by temporary password

You can set custom temporary password or get a random password randomly, and set effective time of the password. Follow the steps in the pictures below. The temporary password should be kept once created and sent to your visitor.



The visitor can input the temporary password to apply unlocking.