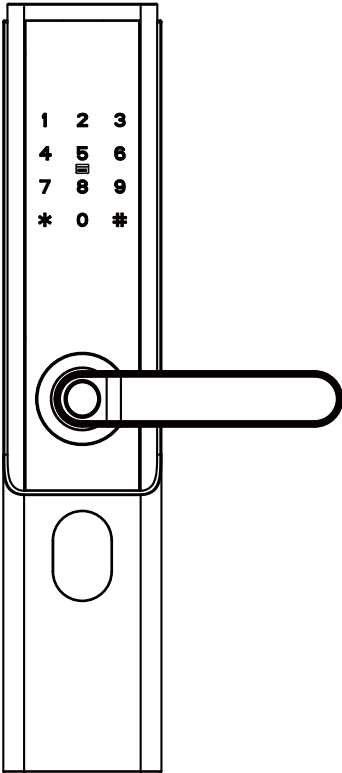


# Installation Guide

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**Model: TL600**

Version: 2.0



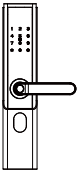
# Important Notes

1. Please read this Installation Guide carefully and contact the Customer Care Service if you have any questions about the installation.
2. To avoid any future service charges that can arise as a result of incorrect installation, it is recommended that installation can be performed by a professional technician prevent any potential service charges that can occur due to incorrect installation.
3. We regularly revise the contents of this Installation Guide and update our products to enhance quality and performance without prior notice.
4. You must perform the initialization process on each installation immediately after installing this lock on any door, as described in the initialization procedure on page 8.
5. Do not install the batteries until the lock is installed.

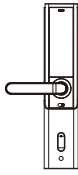
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# What's in the Box



Outdoor Unit



Indoor Unit



Mortise



Strike Plate  
and Box



Stud



Cylinder



Keys



Spindle A



Spindle B



Spindle C



Plug



Screw A



Screw B



Screw C



Screw D



Metal Pin

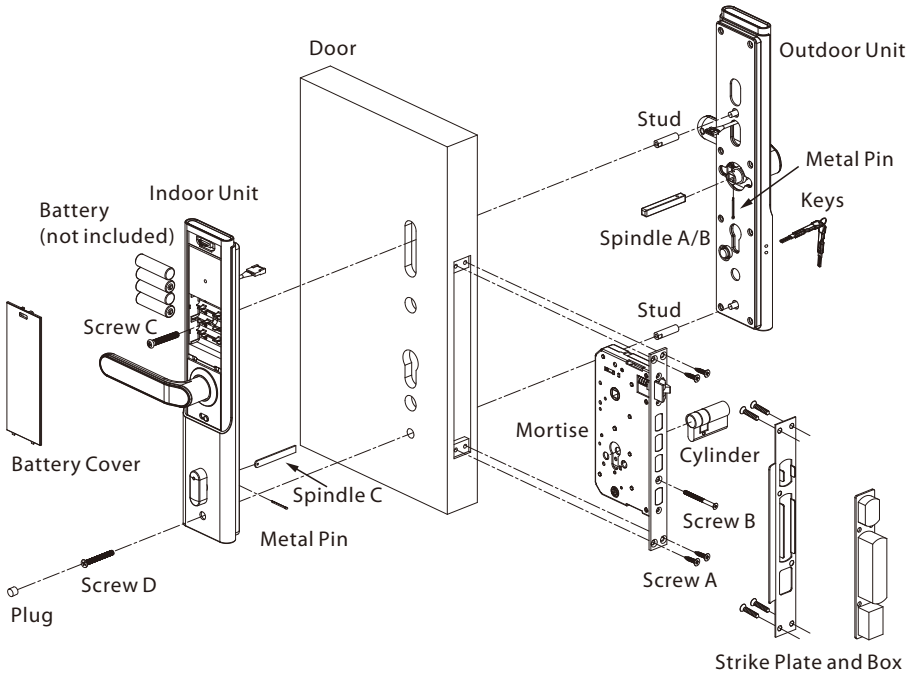


Cards

Door Thickness	Screw
45 to 50 mm	Screw A
51 to 60 mm	Screw B

**Note:** Spindles for door thickness from **45 to 60** mm are included in the standard package. To ensure proper lock operation, please use the specified spindle based on the thickness of your frame.

# Installation Diagram



## Installation Procedure

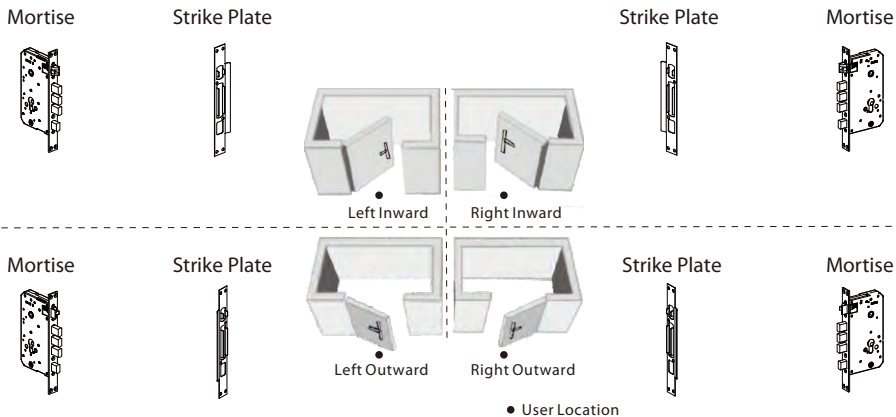
### 1 Door Properties

#### A. Measure the Door Thickness

Measure the thickness of the door and select the appropriate Spindle length. For further details, please refer the table on Page 1.

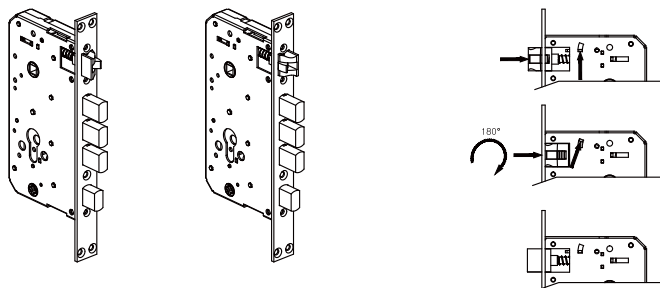
#### B. Check the Door Opening Direction

The position of the handle is determined by the opening direction of the door. Below is the graphical representation of the door opening direction in reference to your position outside the room.



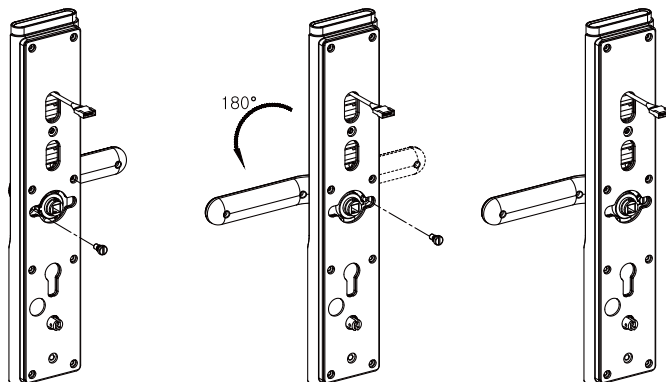
### Adjust the Direction of Latch (if needed)

- 1) Push the reverse block in upward direction.
- 2) Push the bolt of the latch into the mortise.
- 3) Rotate the latch bolt to 180° inside the mortise, and release it.



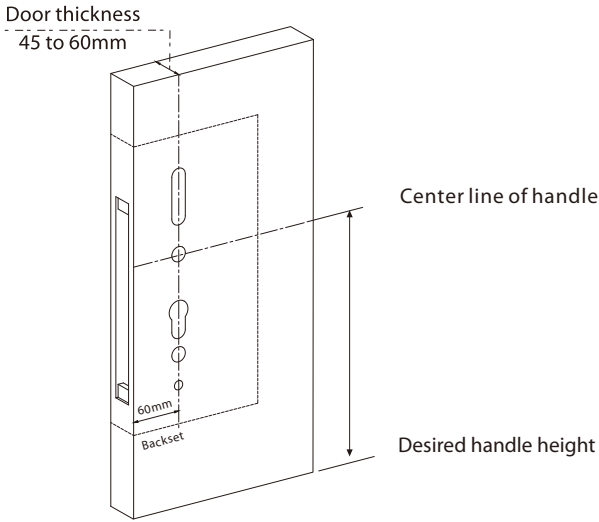
### C. Change the Handle Direction (if needed)

- 1) Remove the directional screw of the handle, rotate the handles of the outdoor and indoor units to 180 degrees in the left or right direction, depending on the door.
- 2) Secure the handle again with the directional screw.



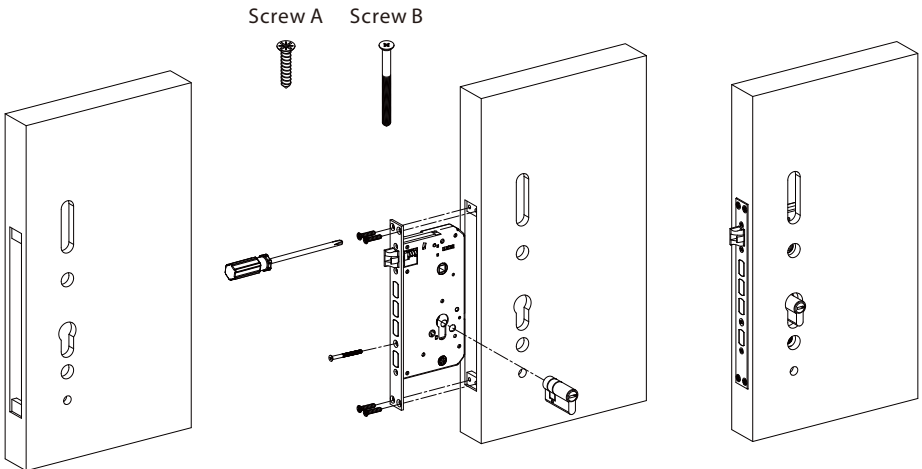
## 2 Drill Holes on the Door

- 1) Place the installation template at the desired handle height.
- 2) Mark the holes to be drilled and drill the marked locations.



## 3 Install Mortise and Cylinder

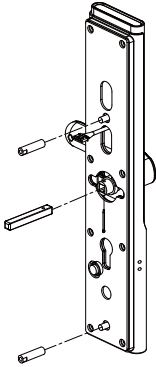
- 1) Put the Mortise into the hole that was drilled, and secure the Mortise with Screw A.
- 2) Insert the Cylinder into the Mortise (note the front sides and back sides) and secure it with Screw B.



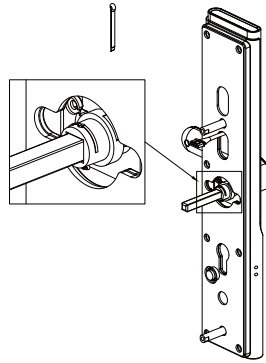
## 4 Install Spindle and Studs

- 1) Insert the Spindle A/B into the clutch and insert the Metal Pin from the bottom of the clutch, force the pin apart and bend it to hold the Spindle A/B.
- 2) Then, install the studs.

Stud

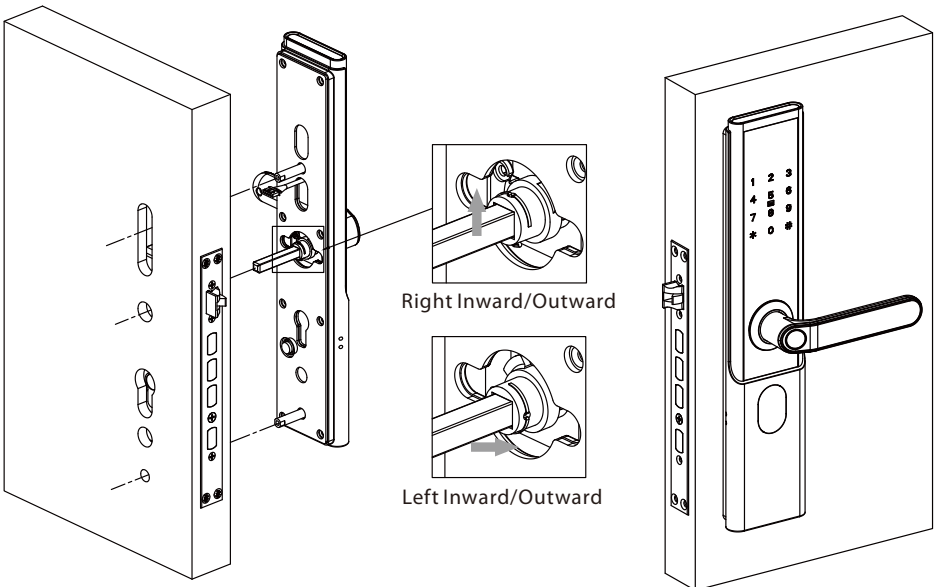


Metal Pin



## 5 Install the Outdoor Unit

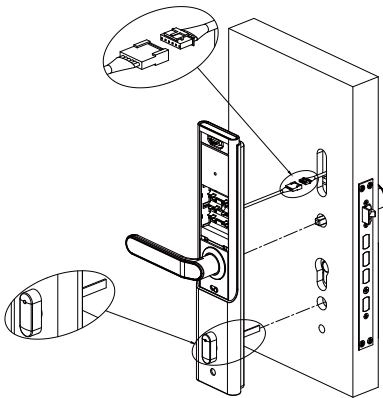
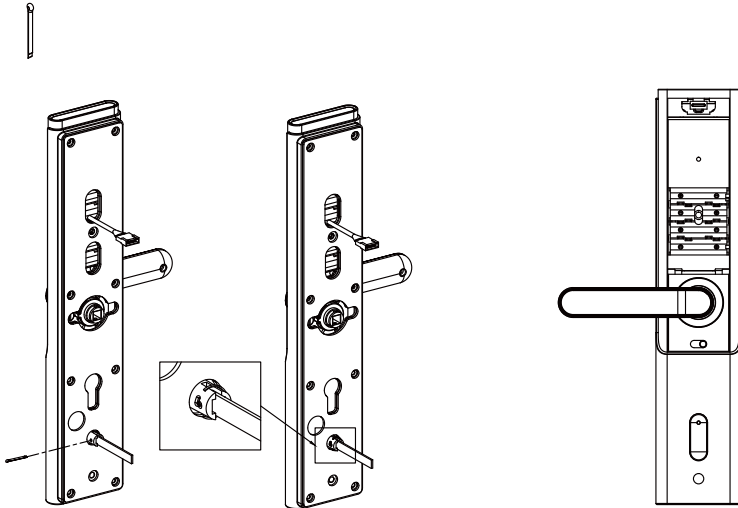
- 1) Pass the outdoor unit cable through the top of the cable hole.
- 2) Pass the Spindle A through the hole of the clutch and the outdoor unit must be close to the entrance.



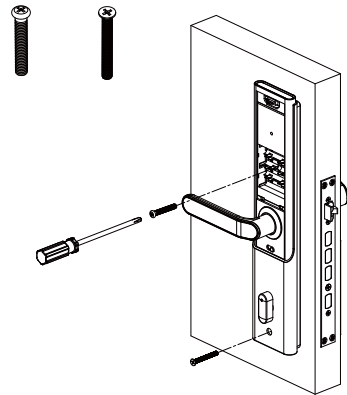
## 6 Install Indoor Unit

- 1) Insert the Metal pin on Spindle C.
- 2) Connect the cable to the Indoor Unit port.
- 3) Place the Indoor Unit appropriately on the Mounting Plate. Then use Screw C & Screw D to protect the Indoor Unit.

Metal Pin



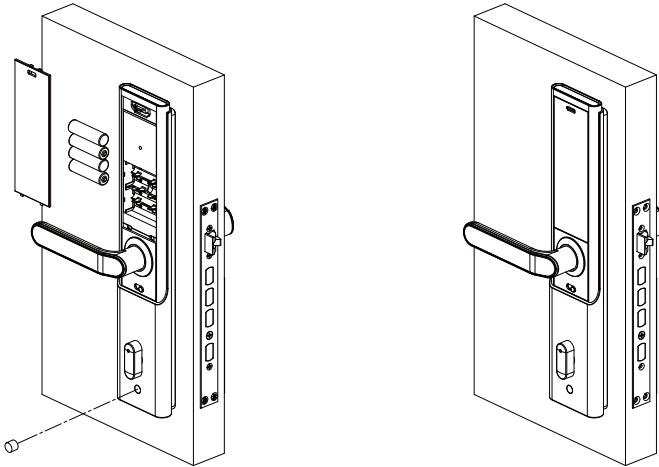
Screw C Screw D





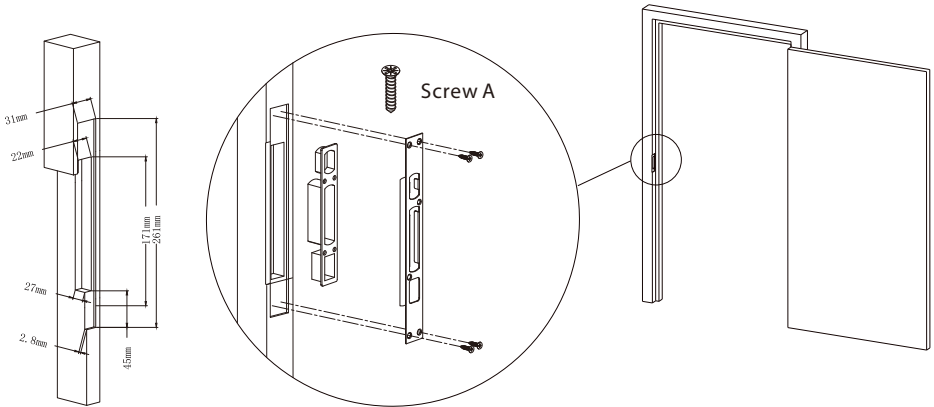
## 7 Install Batteries and Cover

Insert four Alkaline AA batteries and cover them with the battery cover, and insert the Plug.



## 8 Install Strike Plate and Box

- 1) Make sure that the Strike Box is aligned with the latch bolt. Then, use the installation template to drill the holes.
- 2) Align the Strike Plate and Box with the holes drilled and protect them with Screw A.



## 9 Physical Test

### A. Test the lock by rotating the handle and the double locking knob.

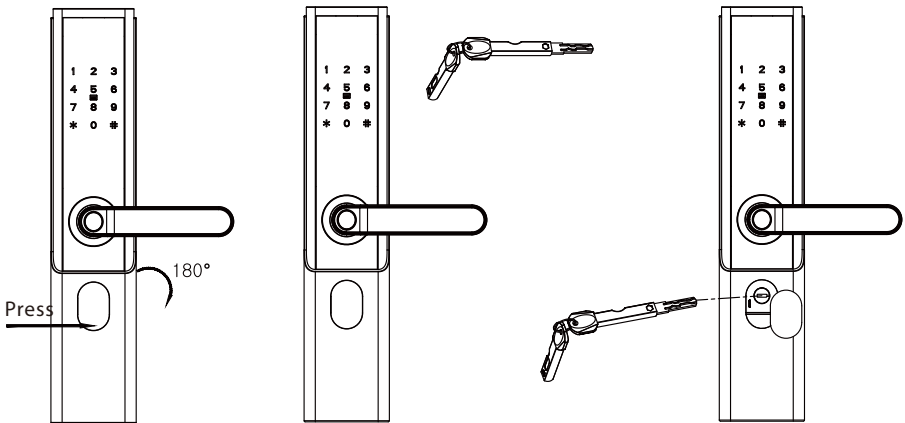
#### Note:

- 1) The front handle can be rotated even when the door is closed, but the door remains unlocked.
- 2) When the Security knob is turned on, the door remains unlocked even if the handle is rotated from indoor.
- 3) If push handle downward, the lock close. It is installation problem, please refer to step 5 installation.

### B. Test the lock by using the mechanical key

- 1) Press and rotate the cover of the key hole with your finger.
- 2) Insert the Key into key hole and rotate 90°.

**Note:** Please secure your keys for emergency purpose.

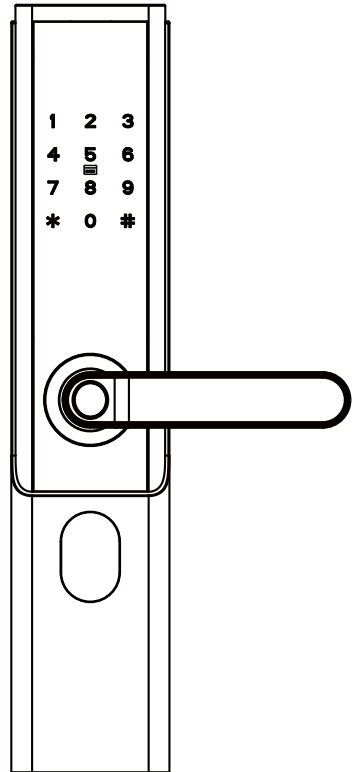


# User Manual

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**Model: TL600**

Version: 2.0



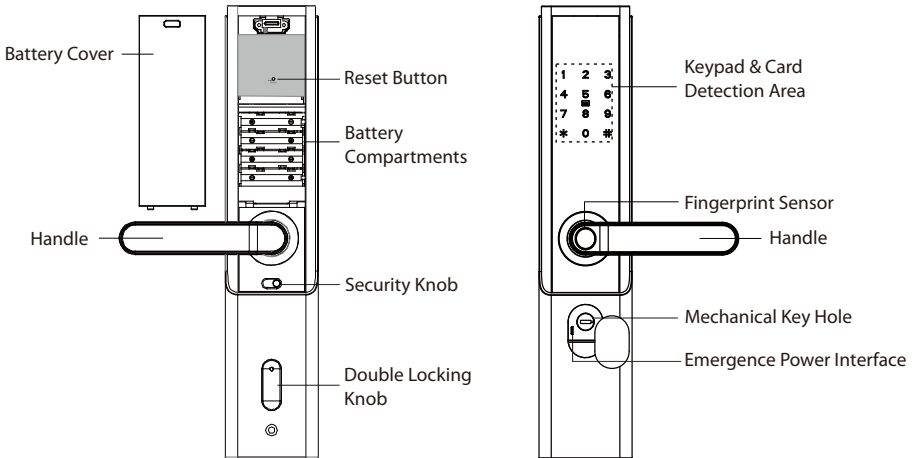
# Important Notes

1. TL600 is an intelligent Smart Lock. If the lock is not installed properly, it may affect the lifetime of the lock. We suggest to install the lock after furnishing. Please prefer a professional technician to install the lock as per our installation standard.
2. Please initialize the lock after installation and set the Administrator immediately to avoid others opening the door illegally.
3. To ensure your security, please check the box of keys when opening the product package.
4. Please keep your Administrator information confidential.
5. Please keep the mechanical keys in a separate place to avoid any criticality.
6. To use the lock more efficiently, please refer the User Manual before using the lock. If you have any queries, please feel free to contact the Company's Client Service Center from any place or contact the Service Center headquarters.
7. Please visit our company's website at anytime for our service information and regular updates of products.

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# Product Overview



## Definitions

**User Roles:** The lock can be handled by two user roles namely Administrator and User. The Administrator has the privilege to access the menu and open the door. The user has the privilege to only open the door.

**Note:** Each user can register ten fingerprints, one password, and one card.

**Initialization:** All the registered user data will be deleted and restored to the factory settings.

**Random Password:** To protect the password, users may enter their password with random digits before or after the actual password. The maximum number of entered digits must be less than or equal to 30. For example: If the correct password is 123456, then the random password can be 89123456807, 1234562363, 389123456, etc.

**Backup Enrollment:** After the first registration, users can change the registered password and card, or continue to register the remaining fingerprints.

**Always Open Mode:** This function is to keep the door always unlocked, which is suitable for meeting rooms and places with no access restriction.

**Low Battery Warning:** When the battery power is low, the lock will prompt "Low battery, please change!" after being turned on. If lower, the lock will prompt "Low battery, shut down soon!", users cannot access the Main Menu.

**Emergency Charging:** The bottom of the outdoor unit is provided with a Micro-USB interface. Use a power bank to charge the lock when it is out of power.

**Emergency Mechanical Key:** The mechanical key is used to open the door when the lock has electronic malfunction.

**Double Locking:** Double locking prevents the lock from being unlocked from the outside. Users can enable it by rotating the double locking knob.

**Security Mode:** If the security knob is turned on, an intruder cannot unlock the indoor lock by breaking the Peephole. In addition, it is effective to prevent your child wandering away from home.

**Quick Close Function:** Push the handle of outdoor unit upward, the latches will pop-up to close door.

## How to Use

### 1 Reset the Lock

Press and hold the Reset button for 5 seconds. The lock will beep for 5 times. Keep holding the Reset button until you hear the audio prompt, please press # key to confirm.

### 2 Activate the Lock

Touch the keypad with the back of your hand or fingers to activate the lock.

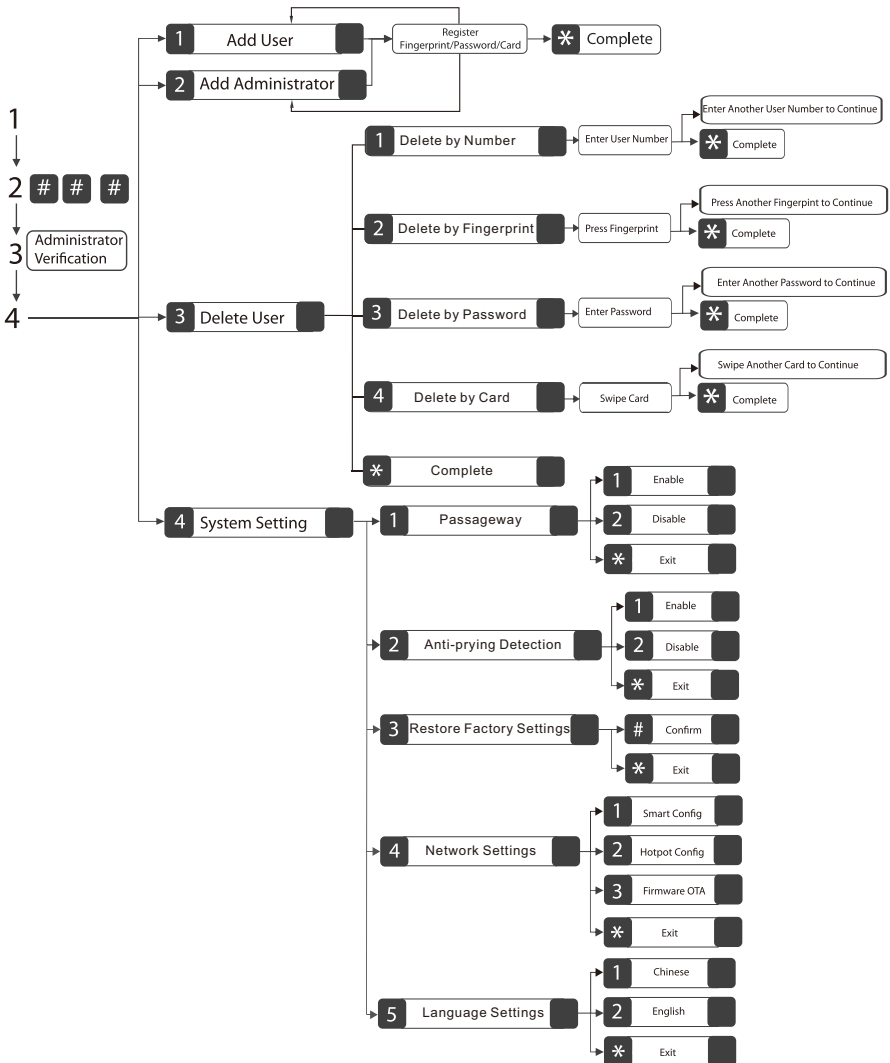
### 3 Register the First Administrator

Press and hold the Reset button for 5 seconds. The lock will beep for 5 times. Keep holding the Reset button until you hear the audio prompt, please press # key to confirm.

- 1) Touch the keypad to activate the lock.
- 2) Press the # key thrice to start the administrator registration process. The user will hear a prompt "Please register administrator, please enter fingerprint, password, access card, press star to exit".
- 3) Press the fingerprint for five times, or enter the group password, or swipe the access card.
- 4) Proceed further according to prompts.

## 4 Programming the Features through Menu Mode

- 1) Touch the keypad to activate the lock.
- 2) Press the # key thrice to access the menu.
- 3) Verify the administrator's identity with his/her fingerprint or card, or by entering the password then press the # key to confirm.
- 4) Enter the digit corresponding to the function to be performed by following the audio guide.



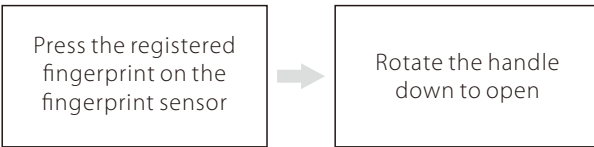
**Note:**

- 1) The registered password can be of 6 to 12 digits.
- 2) The currently logged-in administrator cannot delete his/her admin data.
- 3) Please ignore Hotpot config and OTA function.

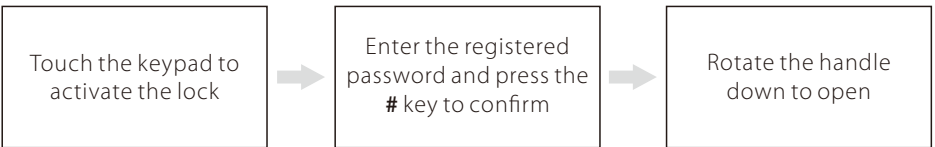
## Quick Start

**Attention:** If the verification is failed for five times, the lock will generate an alarm.

### Unlock the Door with Fingerprint

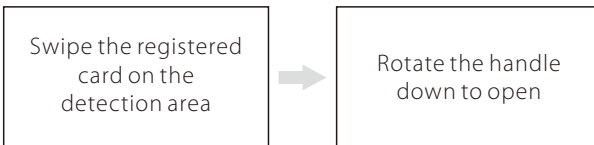


### Unlock the Door with Password



**Note:** Users may enter random password to prevent any person from observing the password. The maximum length of random password is 30 digits.

### Unlock the Door with Card



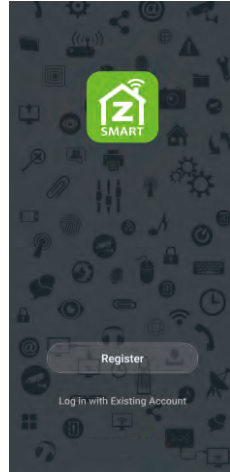


# How to connect ZSmart APP?

## Step 1: Download the ZSmart App and register your Account

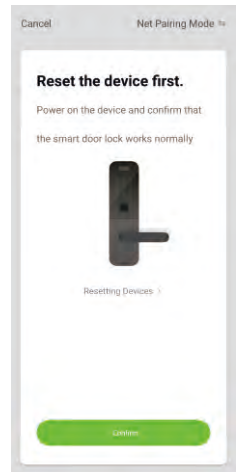
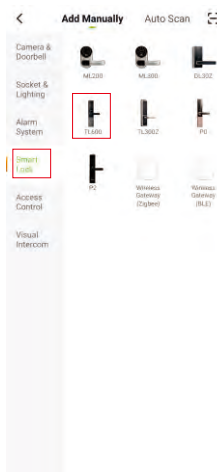
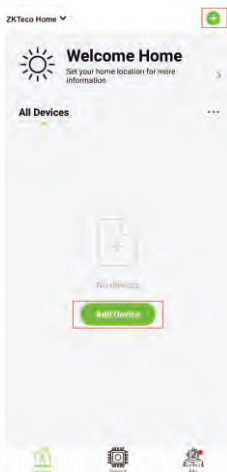
Search the ZSmart App in Apple App Store or Google Play Store or scan the QR Code to download the App to your mobile phone /Tablet.

Open the ZSmart App and log in with your account. If you do not have an account, create an account with your phone number or Email ID.



## Step 2: Add the Lock to the App

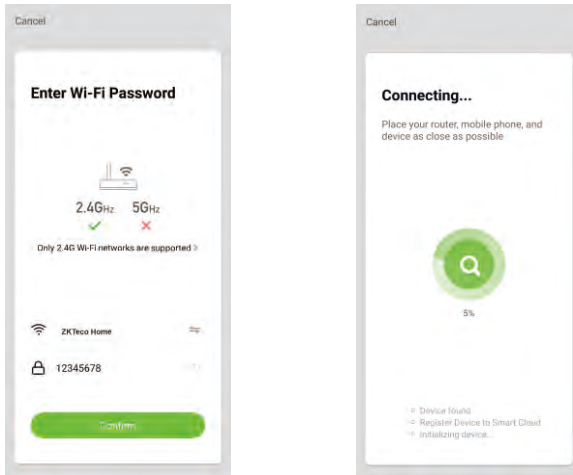
Tap the "+" button on the top right corner of the interface and then select the "Smart Lock" option. Then select the purchased model and click the "Next Step" button.



### Step 3: Add the Wi-Fi Details

Select the desired Wi-Fi and enter the Password. Then tap the “Confirm” button.

**Note:** The smart lock only works on 2.4GHz Wi-Fi networks.

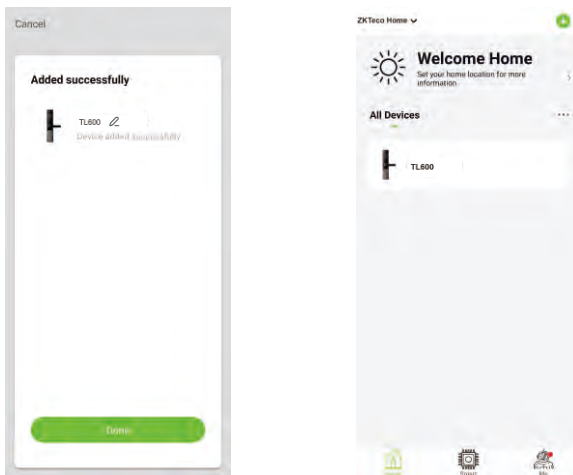


### Step 4: Open Lock Smart Config Mode

Access the lock’s menu, press >> 4 >> 4 >> 1 to open smart config mode.

### Step 5: Setup Completion

Once you see the message “Added successfully” on the mobile app, you can edit the name of smart lock manually. Tap the “Done” button to complete the setup.





## 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.

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.

## FCC RF Radiation Exposure Statement:

- This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

**IMPORTANT!** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.