

# E202V

(Tuya WiFi)

## Smart Lock User Manual

Please read this manual carefully before use  
Please keep the emergency key with you or put it in outdoor safe place.

V1.3

### Accessories Package

1.Front Panel	2.Back Panel	3.Lock Body (5050)	4.Lock Body Screws(*4) (M4*20mm)	5.Card (*2)	6.Key (*2)
7.User Manual	8.Open Hole Drawing	9.Connection Column 35mm(*2) 55mm(*2)	10.Square Steel(*2) 80mm 100mm	11.Connection Column Screw (*3) 30mm 50mm 70mm	12.Fixed Handle Screws(*2)

## Information & Safety Warnings

**Note: Please prepare a Phillips screwdriver, a pincers, and 6 AA LR6 batteries(Alkaline) before installation.**

1. Keep your fingers clean before using this product.
2. In original settings, it can be unlocked with any fingerprint, any card, or passcode [1234567890] ended with [#].
3. Unlock: Press registered fingerprint on front handle sensor, or make card close to the lock pad, or enter passcode ended with [#].
4. If the power is insufficient, there will be an alarm prompt, and the lock can only be unlocked around 50 times, please replace with 6 new batteries in time. When batteries power running out, connecting a power bank with Micro USB wire though Emergency Power Port can unlock, but the APP network function will be failure.
5. When the passcode/fingerprint/card/APP can not unlock the door, Please insert key into key hole. Turn key and press down the front handle to open the door. Please keep the emergency key with you or put it in outdoor safe place.
6. Waking up lock needs around 3 seconds or more, when long time no use.
7. Door thickness: 35mm ~ 80mm.
8. Work temperature range: -25°C ~ 55°C.

## Features

1. The total capacity is 100, and the first one is the administrator(Only 3).
2. Touching button, durable.
3. Support 6-8 passcode and 20 virtual passcodes.
4. Support low power warning, volume adjustment and doorbell.
5. Support pickproof alarm.

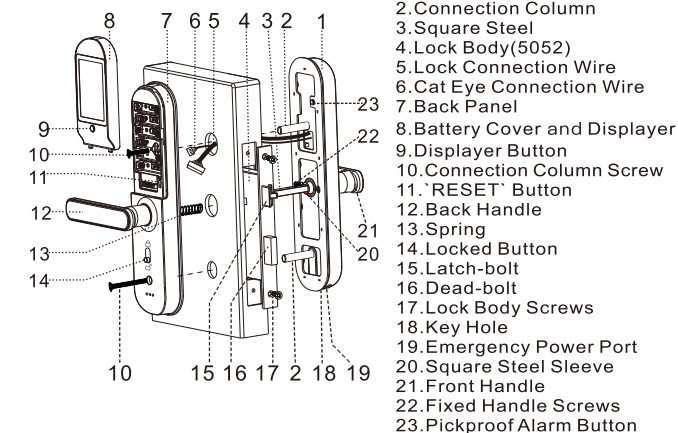
Name	Parameter
Fingerprint Sensor	Semiconductor
PPI	508
Identify Time	0.3S
Unlock Way	Fingerprint, Card, Passcode, Key and APP
System Capacity	100(The fingerprint maximum capacity is 50)
Supply Voltage	9V
Low Voltage Warning	7.2V

## Installation

### 1. Installation Instructions

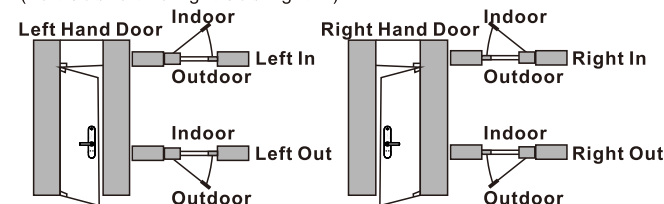
- a. It is recommended to look for professionals to install, watch the video carefully before installation.
- b. While installing, the door must be in half-open state until the installation and debug is completed.
- c. Before the installation, the lock must be selected correctly according to the door opening direction.
- d. When installing the back panel, please see from the screw hole and make the connection wire is not blocking the connection column hole to avoid damaging the connection wire when installing the screw. If the connection wire blocks the connection column hole, please re-position the connection wire or expand door internal hole to allow for enough space to place the connection wire.
- e. After the installation is completed, test with fingerprint, with card, with passcode[1234567890#], with APP, with key to unlock, and test whether the front handle and back handle unlock/lock normally or not.
- f. If it does not work properly, please check if there is improper installation or if the power cord is loose.

## 2. Installation Overview



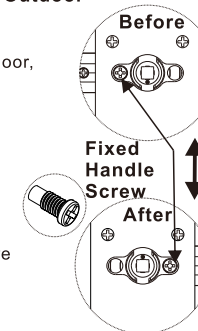
## 3. Confirm The Direction of The Door

This smart lock is suitable for 4 kinds of opening directions.  
(Left Out/Left In/Right Out/Right In)



## 4. Handle Direction Change

- 4.1 Check if the handle direction is appropriate for the door, if not, please change the handle direction.
- 4.2 Front Handle Direction Change  
Disassemble the fixed handle screw, carefully and slowly twist the handle clockwise 180 degrees, then fix the fixed handle screw.  
Twist the handle to check, make sure it's not stuck.
- 4.3 Back Handle Direction Change  
Similar operation as front handle direction change.
- 4.4 Match the front handle and back handle to make sure they have the right direction.



## 5. Open Hole

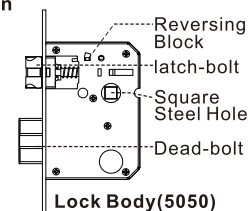
Please refer to the open hole drawing, and drill right holes on the door.

## 6. Install Lock Body

- 6.1. Choose the installation direction of the latch-bolt of the lock body by the door opening directions.












- 6.2. Change the direction of lock body
  - a. Push the reversing block to the other side.
  - b. Push the latch-bolt into the lock and turn 180 degrees.
  - c. Put back the reversing block, and the latch-bolt will pop up automatically.
- 6.3. Put the lock body into the door frame and tighten 2 fixing screws.



## 7. Choose The Parts

Choose suitable parts according to the following table.

Door thickness	Square Steel	Connection Column	Connection Column Screw
35-54mm	80mm 	35mm 	30mm+50mm 
55-62mm	80mm 	55mm 	30mm+50mm 
63-80mm	100mm 	55mm 	50mm+70mm 

**Note:** If the door thickness is 35-36mm, the spring in the square steel hole of the back panel need to cut half or take out.

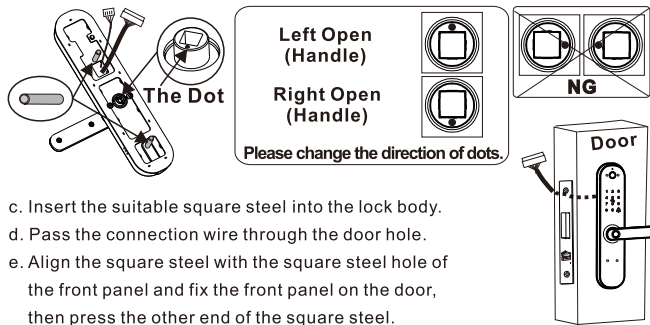
## 8. Install The Lock

### 8.1. Install The Front Panel

- Install 2 connection columns on the front panel.
- Adjust the dot direction on square steel sleeve according to the sticker on the rubber mat.

\* Left open(Keep the dot in the top)

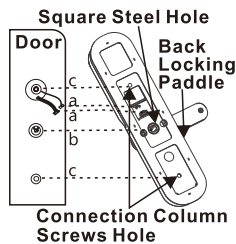
\* Right open(Keep the dot at the bottom)



- Insert the suitable square steel into the lock body.
- Pass the connection wire through the door hole.
- Align the square steel with the square steel hole of the front panel and fix the front panel on the door, then press the other end of the square steel.

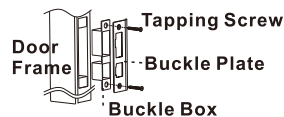
### 8.2. Install The Back Panel

- Press the front panel, and connect the lock connection wire/cat eye connection wire with the corresponding interface of the back panel, then insert the excess wire into the door hole.
- Align the square steel with the square steel hole of the back panel, and compress the back panel.
- Lock 2 connection column screws to fix the back panel.
- Install 6 AA batteries(LR6) and the battery cover.



**Note:** When installing the back lock, please see from the screw hole and make the connection wire not block the connection column hole to avoid damage connection wire when installing the screw.

## 9. Install Buckle Plate And Buckle Box



## Debugging

- Please always keep the door in half-open status when debugging.
- Check the following function can be achieved or not.
  - \* Press down front handle, latch-bolt/dead-bolt remains in locking status.
  - \* Press down front handle, latch-bolt/dead-bolt retract in unlocking status.
  - \* Press down back handle, latch-bolt/dead-bolt retract in any status.
  - \* Lift up front /back handle, dead-bolt stretches out in any status.
- Verify other function normally or not, including self-locking, virtual passcode, setting button, door bell, displayer, APP etc.

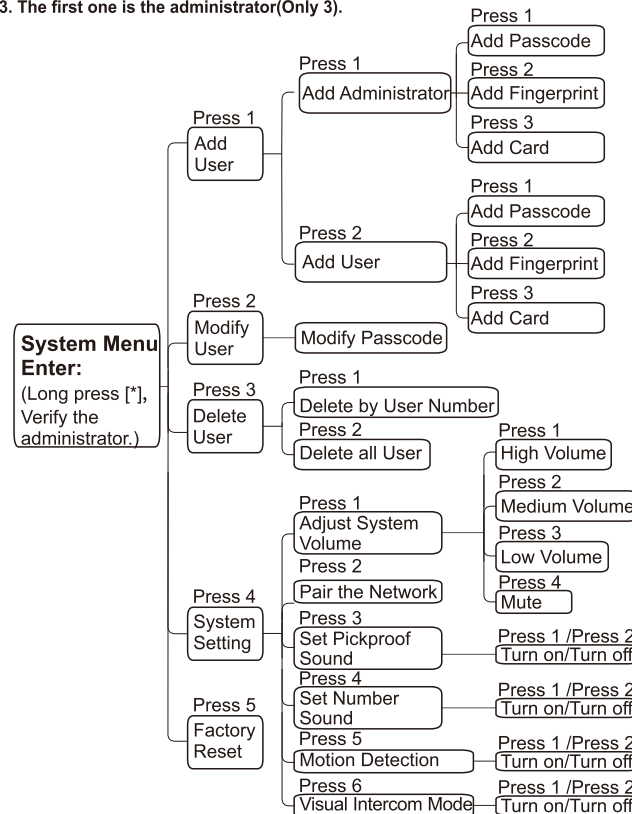
## Using The Lock

### Add The Administrator

- Long press [\*], the voice prompt: 'please enter 6-8 digits admin passcode followed by [#]'.  
2. Add administrator's passcode (6-8 numbers) followed by [#](the same passcode, 2 times), the voice prompt: 'add successfully'.  
3. Press '1' to continue to add user, then press '1' to add the administrator.  
3.1 Press '1' to add passcode (6-8 numbers) followed by [#].  
3.2 Press '2' to add fingerprint (8 times).  
3.3 Press '3' to add card or Press [\*] to quit system menu.

Notes:

- [\*]: Back, Sign out button, [#]: Confirm button.
- Make sure to press different parts of the same finger until the whole finger is collected completely, the lock keypad 1-8 digits will be light on when add successful. The improper operation will increase the input times.
- The first one is the administrator(Only 3).



**Note:** The administrator can't be removed by Pressing 3(Delete User) or by APP.

## APP Installation And Network Configuration

- Search 'Tuya smart' in app store, download, install, register and login.
- Open and connect WiFi network, open Bluetooth.
- Lock:** Short press [3#], Verify the administrator, the LED of '8' fast flash.
- Pair the network by app:**
  - 4.1 Auto Add by Bluetooth:**
    - Press 'Home'/'+'/'Add Device', when discovering devices, click 'Add'.
    - Select the same WiFi as your mobile phone, enter password, press 'Next'.
  - 4.2 Add Manually:**
    - Press 'Home'/'+'/'Add Device'/'Camera&Lock'/'Video lock(Wi-Fi)', press 'Next'/Click 'Scan the QR code with the door lock camera', then press 'Next'.
    - Select the same WiFi as your mobile phone, enter password, press 'Next'.
    - Please place the QR code 15-20cm in front of the lock camera, and scan the QR code until the voice prompt 'de,de,de', press 'I Heard a Prompt'.
- Note: When scanning the QR code, you can view the effect of the QR code from the displayer.**
- Auto-adding the lock until complete the network configuration.
- Add successfully:** The voice prompt 'add successfully'.
- Add failure:** LED light show 'X' and the voice prompts 'add failure', try again.
- Notes:**
  - This APP supports only 2.4Ghz WiFi network.
  - The WiFi connected to the APP and mobile phone should be stay in same.
  - APP Remote Unlock and Visual Intercom:**
    - Lock:** Press [4#] to activate the lock. until the image appears on the app.
    - Remote Unlock: Slide icon to 'Agree'.
    - Visual Intercom: click '▶'.

### Reset The Lock

- Remove the battery cover, long-press 'Reset' for 5 seconds, verify the administrator.
- The system restores to the factory default settings.

Notes:

- After the reset, all user and administrator information are removed.
- The passcode will return to its default [1234567890].
- Please add a new administrator immediately.

### Self-locking

If the passcode is entered wrong for 5 times continuously, the system will be locked for 3 minutes, and the fingerprint or card unlock can remove self-locking. If the fingerprint is entered wrong for 5 times continuously, the system will be locked for 3 minutes, and the card unlock can remove self-locking.

### Low Power Warning

When the battery power is lower than 7.2V, the lock will prompt 'The battery is use up, please replace it', please replace with 6 new AA LR6 batteries(Alkaline) in time.

### Virtual Passcode

Enter the virtual passcode before or after the real passcode, it can be unlocked.

### Pickproof Alarm

When the front lock is damaged by external forces, the pickproof alarm button is loose, the lock will alert alarm, report the APP notification.

**Remove The Pickproof Alarm:** Unlock by the registered user (Including administrators), or remove the battery and reinstall.

### Motion Detection and Stay Alarm

Waiting within 80 centimeters of the lock for 20 seconds will trigger motion detection, and APP will receive a Stay Alarm and captured images.

### Door Bell & Visual Intercom:

When the visual intercom mode is off, press [#] key for the doorbell function; When visual intercom mode is enabled, press [#] for visual intercom function(off by default).

### Locked Button

- Locked:** sliding to '🔒', only administrator can unlock.
- Cancel Locked:** sliding to '🔓', all users(administrator) can unlock. When unlock and press down the handle, the locked button auto-slide to '🔓'.

### Quick Guide:

- Initial Passcode: [1234567890]
- Enter System Menu: Long press [\*]
- Factory Reset: Long press [Reset]
- Door Bell: [#]
- Pair the Network: [3#]
- Remote Unlock: [4#]
- Modify Passcode: [7#]
- Volume Adjustment: [333#]
- Visual Intercom Mode: [666#]



Download Tuya Smart app

**FCC Warning:**

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.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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 complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.