



Tuya Smart

Smart Lock User Manual

Tuya Smart Related Operations

I . Functionality and Operation of the Lock

1. Terminology and Function Key Descriptions

Administrator Information: Refers to the administrator's facial recognition, fingerprint, password, or IC card.

Unlock Information: Refers to the recorded facial recognition, fingerprint, password, or IC card (including both administrators and regular users).

Function key : Enter Administrator Mode to manage the functions of the lock.

OK Key : This is the confirmation key.

Return Key : Press this key to return to the previous menu or to the standby interface.

Mute Key : Press this key to temporarily mute; the system screen will automatically restore.

Power Saving Mode : Press this key to activate power-saving mode; in this mode, the fingerprint, card swipe, and facial recognition unlocking screens will no longer automatically light up.

2. Initial State

- 1) The initial password is 123456. In the initial state, any facial recognition, fingerprint, card, or the password 123456 can unlock the device.
- 2) After entering the key, any unregistered facial recognition, fingerprint, password, or card will be unable to unlock the device.

3. How to Enter Administrator Mode

(1) In the Initial State

- 1) First, click on 'Enter System' on the screen (voice prompt: Please enter unlocking information, which can be ignored).
- 2) Click the function key in the lower left corner.

(2) In the Registered Administrator State

- 1) First, click on 'Enter System' on the screen (voice prompt: Please enter unlocking information, which can be ignored).
- 2) Click the function key in the lower left corner.

Voice prompt: Please enter administrator information.

If you are a facial recognition administrator, verification will occur automatically. If you are a fingerprint, password, or card administrator, please verify the corresponding information by placing your fingerprint or card. If you are a password administrator, please enter the password and press the OK key to confirm (e.g., 666888 + OK).

II. Menu

1. Key Management

(1) Add Key

Add Administrator

1. Enter Administrator Mode (Steps: 1. First, click 'Enter System' on the screen (voice prompt: Please enter unlocking information, which can be ignored); 2. Then click the function key located at the bottom left of the keyboard). 3. Verify Administrator (If using a password, please enter the password and press the OK key to confirm; if using a fingerprint, card, or facial recognition key, verification can be done directly to enter).
2. Enter the 'Key Management' Menu.
3. Click 'Add Key'

4. Click the button on the right of 'Key Permissions', select 'Record Administrator', and add keys of fingerprint, password, card, or facial recognition types as needed.

Password Key: Enter a 6-10 digit number and press the OK button to confirm. The same password must be entered twice.

Fingerprint Key: Record the same finger's fingerprint 5-7 times (depending on the type of fingerprint scanner).

Card Key: The IC card only needs to be recorded once.

Facial Recognition Key: The recording process will vary depending on the lock type. For example, Type A:

Type A: 1. Prompt: Please look directly at the camera while standing in front of the lock. Just look straight ahead. If prompted to stand 40-80 cm away from the camera (please adjust your position in front of the lock, ensuring you are not too close or too far, maintain an appropriate distance), wait until you hear the voice prompt 'Recording successful'; If an operation failure or a duplicate facial recognition prompt occurs during recording, it indicates that the same person has already been recorded and does not need to be entered again. If a previously recorded user wishes to re-record, they can first delete the facial recognition or restore the factory settings before proceeding with the recording. There are other methods for facial recognition recording, which will not be described here.

Add a regular user.

Click the function key. verify the administrator. click key management. add a key. Choose an identity and switch the administrator to a normal user. Add a key, fingerprint, or palm print

(2) Delete a key.

1. Enter administrator mode (Steps: 1. First, click 'Enter System' on the screen (voice prompt: 'Please enter unlock information,' which can be ignored); 2. Then click the function key at the bottom left corner of the keyboard). 3. Verify Administrator (If using a password, please enter the password and press the OK key to confirm; if using a fingerprint, card, or facial recognition key, verification can be done directly to enter).
2. Enter the 'Key Management' menu.
3. In the key list interface, scroll up and down, click on the key to be deleted, enter the key information interface, and click the red 'Delete Key' button, which will prompt a confirmation box asking 'Confirm deletion of this key?', please confirm.

Note: Deletion is prohibited when only one administrator key remains.

2. System Settings

Verification Mode: Single Unlock / Combination Unlock

Anti-pry Switch: On / Off

Language Settings: Chinese, English, Russian, Thai, Indonesian, Spanish, Portuguese, Vietnamese, Arabic

Volume Settings: Volume can be set to Low, Medium, or High

Key Tone Settings: Water Drop Sound, Beep Sound

Welcome Home Setting: On / Off

Lock Tampering Alarm Sound: Alarm / Barking (*This menu will only appear when the anti-pry switch is in the 'On' position)

System Lock Alarm Sound: Enable/Disable

Date Settings

Time Settings

Time Display: Dial/Digital

Screen Brightness Settings: Select this menu, then slide your finger left or right to adjust the screen brightness.

Random Keyboard Settings: Standard Keyboard, Random Once, Random Keyboard
Temporary Password: Disable/Enable (The temporary password function requires the use of the 'Ant Home' mini program or APP; see below for *Temporary Password Usage Instructions.)
Temporary Password APP: You can scan the QR code to access the 'Ant Home' mini program.
***This menu only appears when the temporary password is enabled**
View Pairing Code: You can view the pairing code and its QR code.
Reset pairing code: Click to reset the pairing code.

Radar settings: Enable/Disable.
Radar sensitivity: Low sensitivity, Medium sensitivity, High sensitivity (*This menu is only available when the radar is enabled).
Disable radar after unlocking: Enable immediately/Disable for 20 seconds/Disable for 40 seconds/Disable for 60 seconds (*This menu is only available when the radar is enabled).
Loitering alarm: Disable/Loiter for 20 seconds/Loiter for 40 seconds/Loiter for 60 seconds.

Restore factory settings.

3. Record query.

You can view the records of added keys, deleted keys, and also check the unlocking records; the most recent records are displayed at the top of the list.
In the record query interface, swipe up and down the screen to access the unlock records. You can query by time, by type, or in order.
Clicking 'Clear Records' and then confirming will remove all query records.
Clicking the 'Cancel' button will return you to the record query interface.

4. Motor Settings

Door Opening Direction: Left Opening / Right Opening
Self-Resetting Lock Body: Enable / Disable

Torque Settings: Low Torque / Medium Torque / High Torque
Delayed Auto-Lock: Disabled, 10 seconds delay, 15 seconds delay, 20 seconds delay
Door Opening Pause Time: Range of 1000-9999 milliseconds
Latch Bolt Reversal Time: Range of 150-1999 milliseconds
Motor Anti-Jamming Settings: Range of 150-999 milliseconds

5. AI Dialect

The default broadcast language is Mandarin, but it can be set to Cantonese, Hokkien, Shanghainese, Sichuanese, Henanese, Shaanxi dialect, English, Russian, Thai, Indonesian, Spanish, Portuguese, Vietnamese, and Arabic.

6. Theme Settings

Multiple themes are available for selection.

7. Network Settings

Initiate network configuration operation: Please refer to the 'Network Configuration Instructions' below for specific procedures.
Reset Wi-Fi Module: Select to reset the Wi-Fi module. After a successful reset, the device can disconnect from the network.

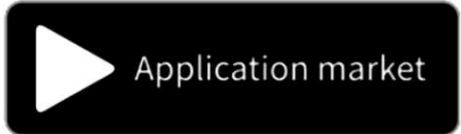
8. Device Management

System Information
Key Capacity
System Self-Check
Production Testing
Fatigue Testing
Peephole Testing

III.Tuya Smart Related Operations



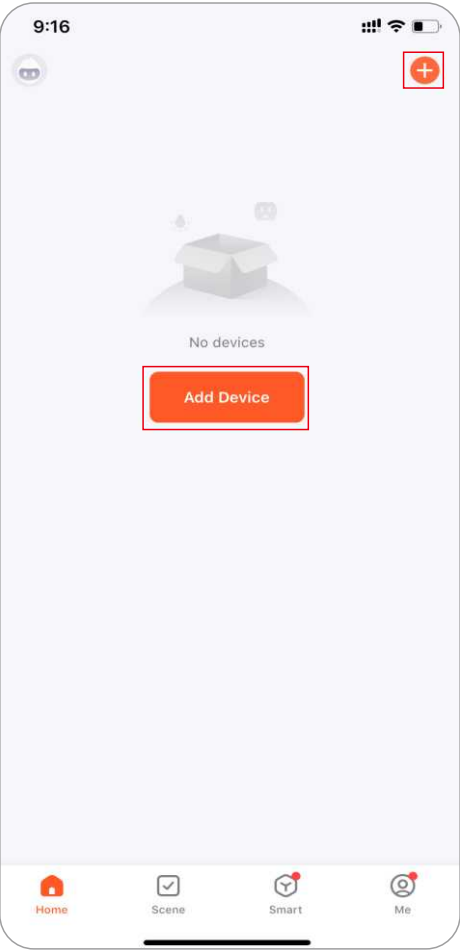
Note: If no user is registered, any fingerprint can unlock it. Indoor Smart
Lock Bluetooth Tuya Operation Guide APP Introduction and Acquisition



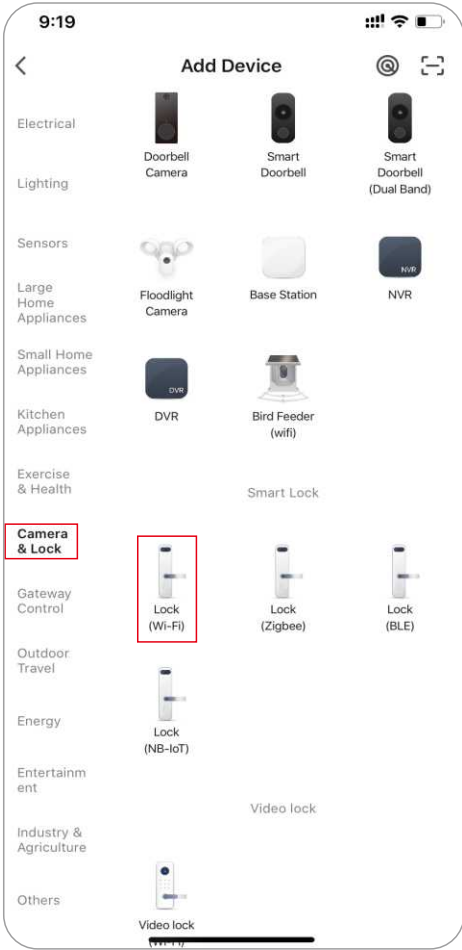
The 'Tuya Smart APP' is a smart device management app provided by Tuya for end consumers. Through the 'Tuya Smart APP', you can easily configure and control smart products throughout the house, set up your favorite scenes and automation solutions, share your smart devices with family and friends, and enjoy the fun of a fully smart home. Download APP: Search for 'Tuya Smart' in the app market or 'Apple App Store' or scan the above Tuya APP QR code to download.

After completing the menu operation on the smart lock, turn on the mobile phone WIFI to connect to the internet, then enter the Tuya APP, and operate as shown in the following figure:

Click the function key, verify the administrator. Enter the administrator mode, click the networking icon to start the networking operation.



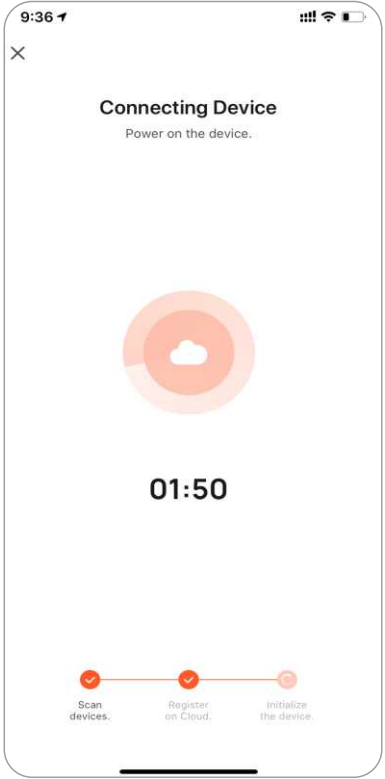
1. Add devices



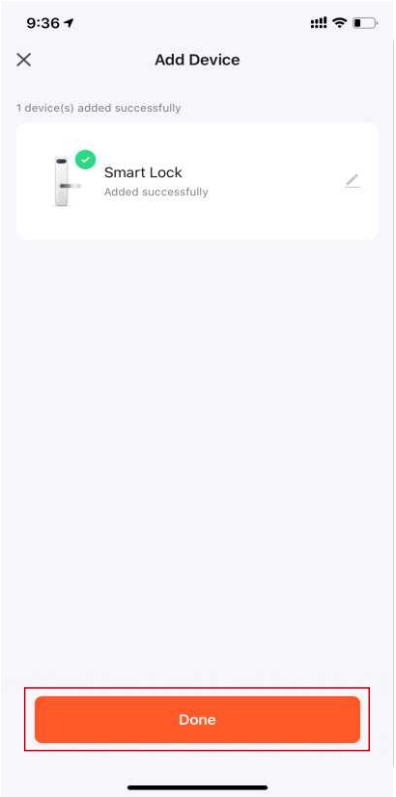
2. Find "Lock" in the device category



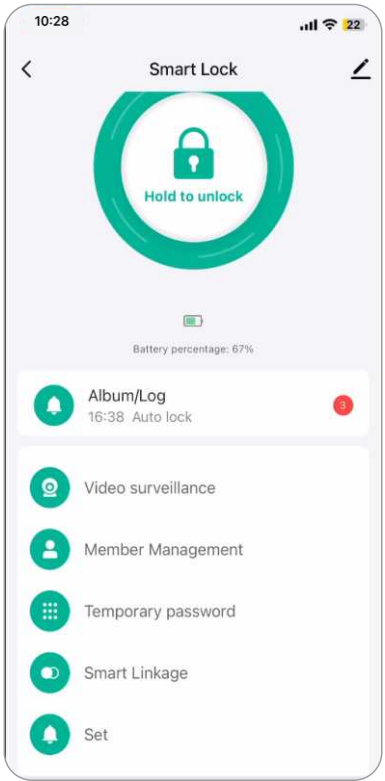
3. Select a 2.4GHz WiFi network and enter the password



4. Wait until the device is successfully connected



5. Complete the network connection



6. After connection, you can unlock the phone

Frequently Asked Questions

Q: How does the lock store video recordings?

A: Video recordings are stored in the cloud, making them safe from theft and damage, and ensuring reliability and security. You can activate and learn more about the cloud service at the bottom of the app client.

Q: What is the cloud phone service?

A: After activating the cloud phone service and linking your mobile number, when a visitor presses the doorbell, you will be notified via phone call, ensuring you never miss a visitor. You can communicate in real-time even when you are not at home, and it also supports calling a backup contact number.

Q: What should I do if the lock cannot connect or goes offline during use?

A:1. Check if the lock's battery is charged and if the router's network is functioning properly.
2.Restore the lock to factory settings, then re-add the device according to the manual.

Q: Does it support 5G routers?

A: If you are using a 5G router and both the 5G and 2.4G networks share the same connection hotspot (i.e., the SSID is the same), you can connect directly. If the 5G and 2.4G networks do not share the same connection hotspot (i.e., the SSIDs are different; typically, the 2.4G SSID is XXXXX-2.4G and the 5G SSID is XXXXX-5G), please connect your phone's Wi-Fi to the router's XXXXX-2.4G hotspot before proceeding with the configuration.

Special Statement

- The product is subject to the actual item; the manual is for reference only.
- The app and product device firmware will be updated periodically. Please upgrade online if updates are available; no further notice will be provided, and this manual is for reference only.
- This manual may contain technical inaccuracies or discrepancies with product functions, or printing errors. Please refer to the company's final interpretation.

IV. Other Instructions

1. If the wrong password, fingerprint, card, or face is entered more than 5 times consecutively, the keyboard will be locked for 90 seconds, during which the system will not respond to any operations.

2. Password anti-peeping feature: When entering the password to unlock the door, input the password as follows: XXXPasswordXXX; you may add some irrelevant codes before and after the password, then press the OK button to confirm. The password must be included in the entered content.

3 If there is no operation for more than 10 seconds during each operation, the system will automatically exit.

4 When the voltage drops below 7.1V (±0.2V), each unlocking will trigger a low battery warning. After the warning, the lock can be unlocked multiple times (up to 200 times). Please replace the battery promptly.

V. Technical Parameters

Technical Parameters			
Serial Number	Item	Parameter	Remarks
1	Static Current	≤120μA	
2	Number of Administrators	9 Groups	
3	Number of Fingerprints	≤100 Pieces	
4	(Face + Fingerprint + Password + Card) Capacity	400 Groups	
5	Fingerprint Collector	Semiconductor	
6	Fingerprint Comparison Time	≤ 1 second	
7	Fingerprint recognition angle	360 degrees	
8	False rejection rate	≤0.1%	
9	False acceptance rate	≤0.0001%	
10	Power type	8V	
11	Emergency power supply	5VDC	
12	Operating temperature	-25℃~60℃	
13	Operating relative humidity	20%~90%RH	
14	Password length	6 to 10 digits	
15	Virtual password	19 digits	
16	Low voltage alarm threshold	7.1±0.2V	
17	Unlocking time	≤ 1 second	

Due to product upgrades and iterations, there may be discrepancies between this manual and the actual product. Please refer to the actual product for accuracy; no further notice will be given.