

# User Manual

## Smart Lock Cylinder



LIFE



AESTHETICS



RIGOROUS



RESEARCH

Fingerprint  
UnlockPassword  
Unlock

App Unlock



Key

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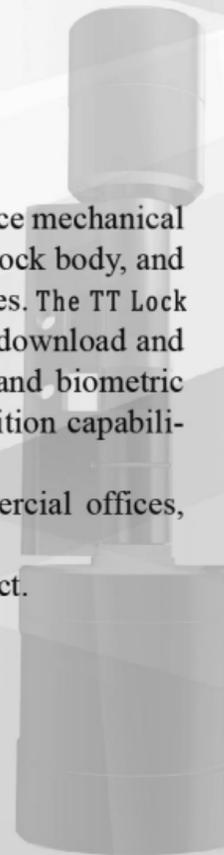


## Product Introduction

This smart lock cylinder is an intelligent solution to replace mechanical lock cylinder without drilling hole on the door and replacing lock body, and has a patented adjustment structure for various door thicknesses. The TT Lock App supports more than 30 languages worldwide and can be download and applied in 159 countries and regions. Advanced electronic and biometric technology enables the smart lock to have intelligent recognition capabilities, making users' work and life easier and more convenient.

This smart lock can be used for private homes, commercial offices, residential buildings and more.

Please read this manual carefully before using this product.



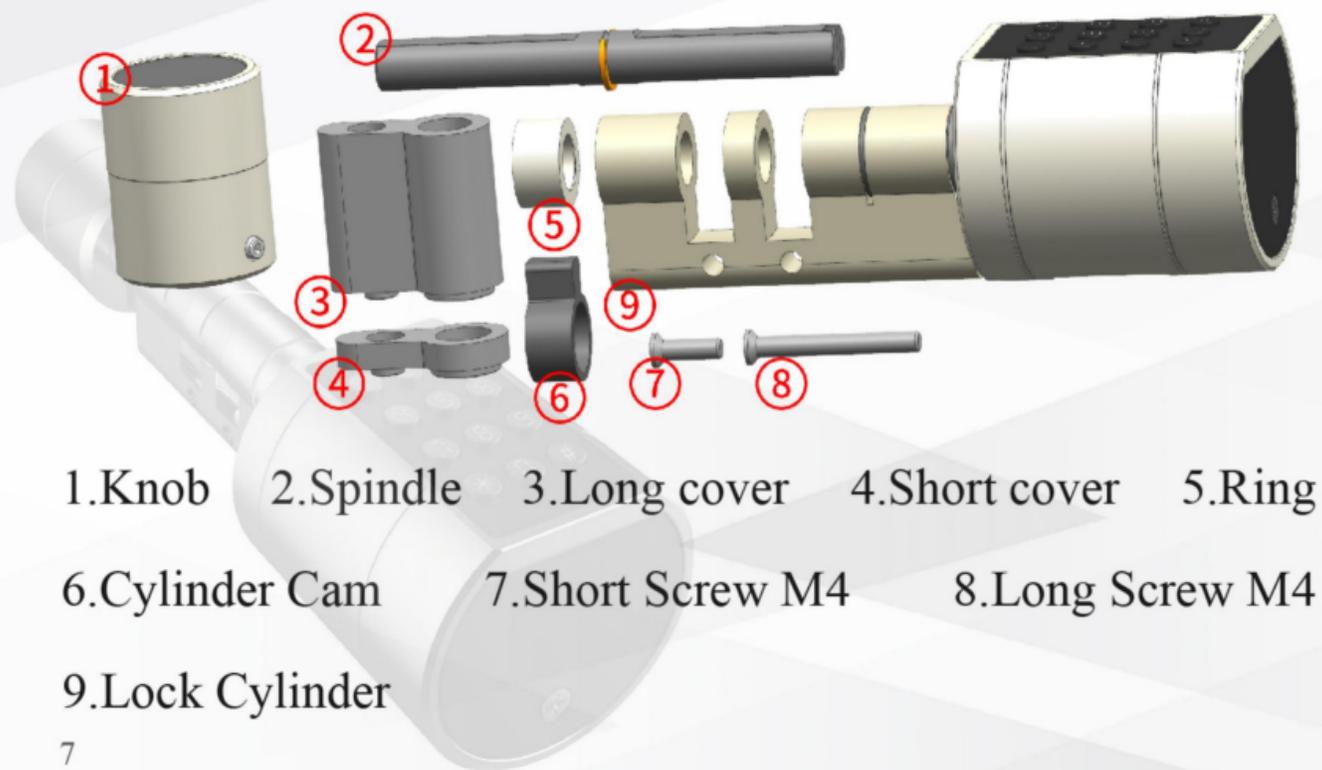
## Product Introduction

Unlock Modes	Fingerprint: 50 PCS
	Passcode: 250 PCS
	CARD: 1000 PCS
	TT Lock App    Mechanical Keys
Power Supply	4 AAA batteries
Scramble Code	16 digits total
Work Temperature	-25~65°C
Work Voltage	4.8V-6.2V
Fingerprint type	Semiconductor Embedded Fingerprint
Door Thickness	35mm-70mm (Other size can be Customized)

## Product Introduction

Safety Assistant Function		
1	Low battery alarm	when the voltage is lower than 4.8V, the alarm is activated each time with the unlock, and the lock could be unlock 100 times after first alarm.
2	Scramble code function	It supports front and back dummy passcodes to prevent from peeking.
3	Access records query	You can check access records at anytime
4	USB emergency interface	you can charge the lock to unlock the door when the battery run out

## Product Components



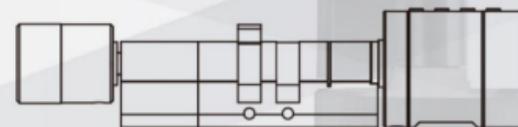
## Measure door thickness

1.If door thickness is within 35mm to 50mm, Cylinder Cam doesn't need to be adjusted, and the smart lock cylinder can be installed directly.

2.If door thickness is within 50mm to 70mm, Cylinder Cam need to be adjusted according to the instruction of "Adjust Cylinder Cam".



35mm to 50mm

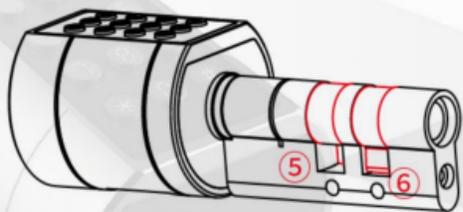


50mm to 70mm

## Adjust Cylinder Cam

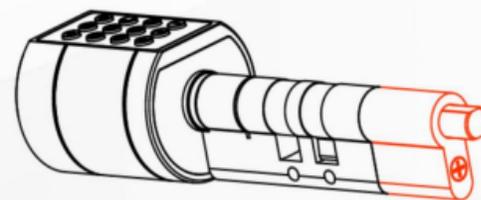


1. According to the above figure, use Allen Wrench to remove **Knob**① by loosening the screw on **Knob**①. And use a screwdriver to loosen Short Screw M4⑦ on Short **Cover**④, and then remove **Short Cover**④ and **Spindle**②.

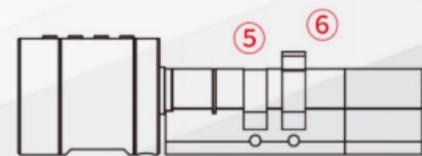


2. Remove **Ring**⑤ and **Cylinder Cam**⑥, and swap their position according to the above figure.

## Adjust Cylinder Cam

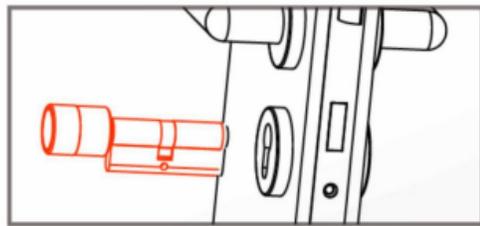
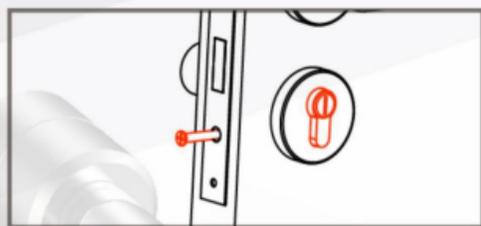


3. According to the above figure, insert **Spindle**② to its original position, and then install **Long Cover**③ by screwing **Long Screw M4**⑧ tightly.

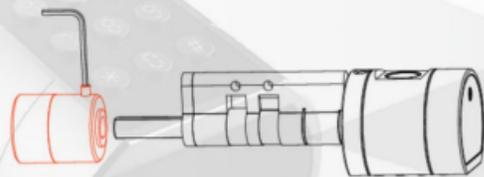


4. Confirm the position of **Ring**⑤ and **Cylinder Cam**⑥ according to the above figure, and then the adjustment of cylinder cam is finished, and the next step is to install lock on the door.

## Installation Instruction on the Door

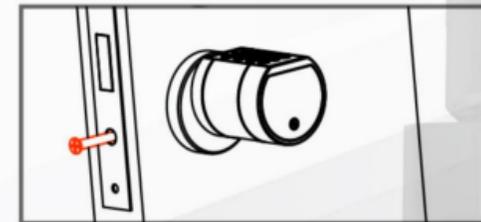
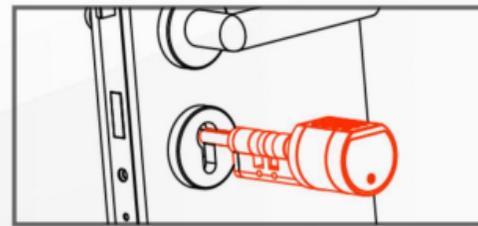


① Use screwdriver to disassemble old cylinder from the lock by unscrewing the cylinder screw, according to the above figure.

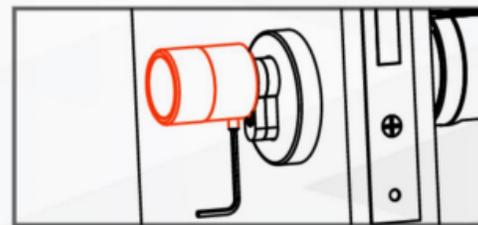


② Use Allen Wrench to remove **Knob**① by loosening the screw on Knob①.

## Installation Instruction on the Door

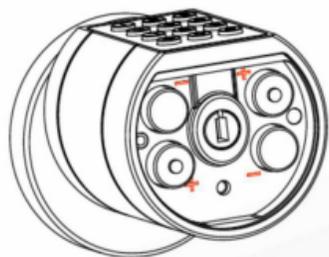
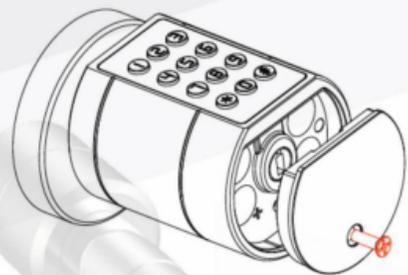


③ Insert **Lock Cylinder**⑨, and then install cylinder screw while making cylinder screw align to the screw hole of **Lock Cylinder**⑨.

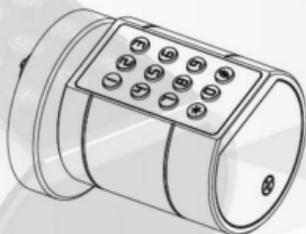


④ Using Allen Wrench to install **Knob**① by fasten the screw on **Knob**①.

## Installation Instruction on the Door



⑤ Using screwdriver to remove Battery Cover, and install 4 AAA batteries according to positive and negative pole.



⑥ Install Battery Cover, and fasten the screw, and when you hear a beep, the installation is finished.

## Download TTLock App

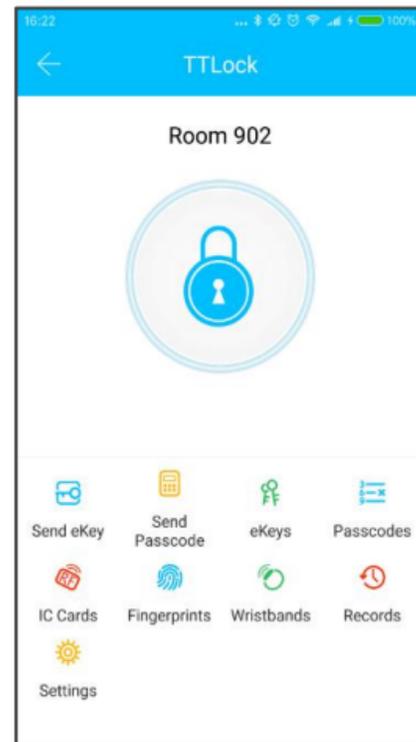
The software (iOS version) can be downloaded from the app store, and the Android version can be downloaded from many app stores, such as Google play, Aptoide and so on.



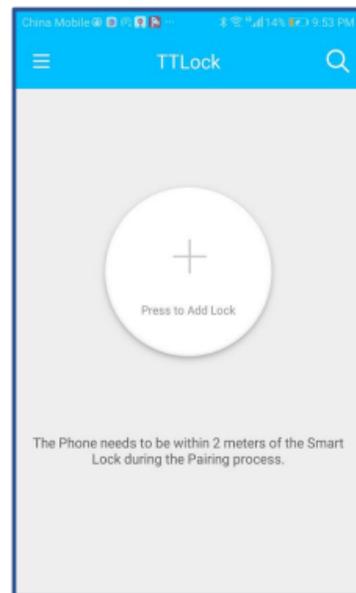
(Google Play)



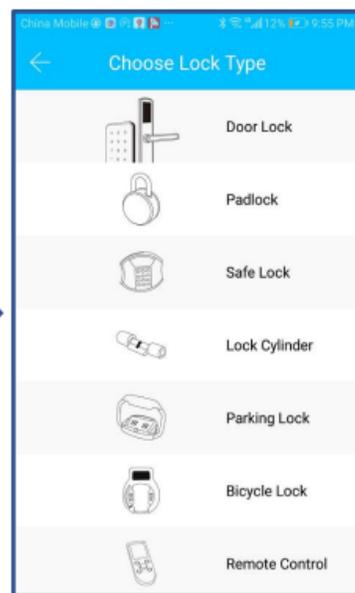
(App Store)



## Add Lock by App



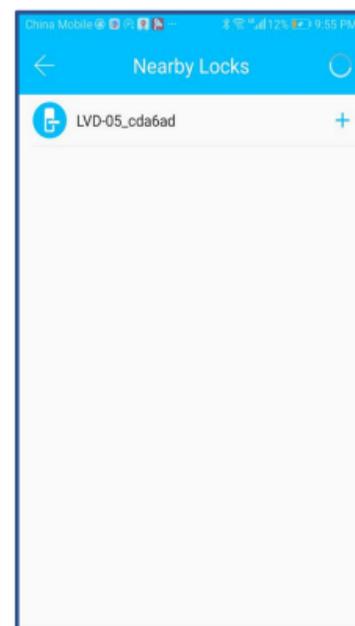
Add a lock



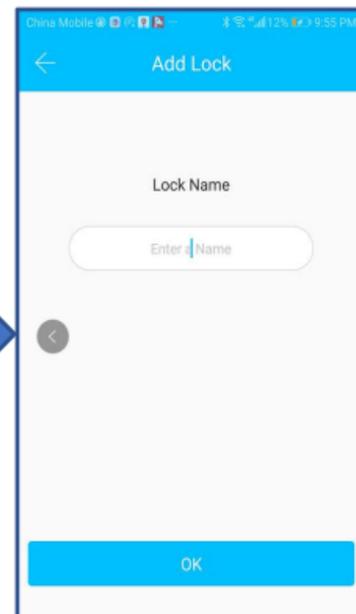
Select "Door Lock"



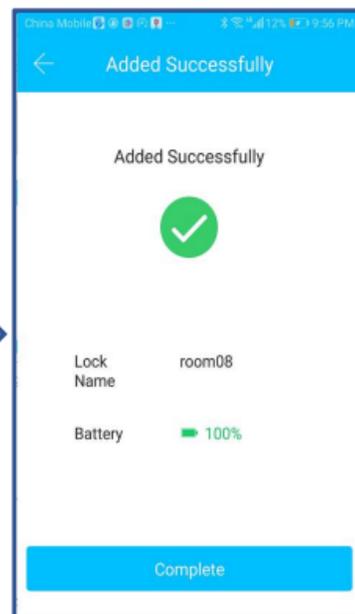
Light up the buttons or Press any number key



Select lock



Input lock name



Operation Successfully

## Set Administrator Passcode by APP

### 1.Set Administrator Passcode by App

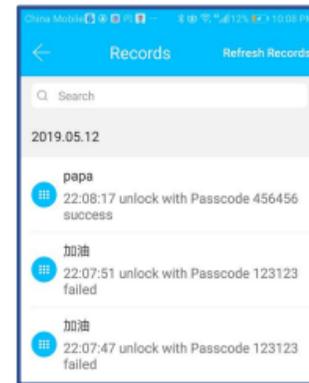
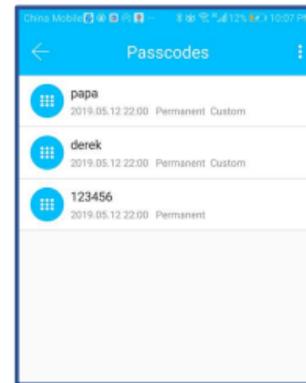
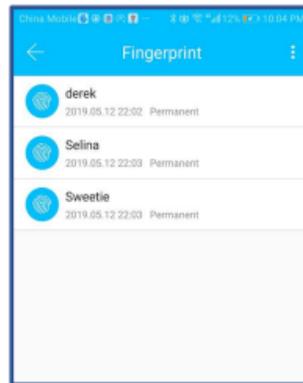
After add lock, the new administrator password will be generated randomly. The new administrator password could be found by following the operation: main interface → Settings → Basics→ Admin Passcode, and then click the Admin Passcode to modify the administrator passcode.

### 2.The Authority of Administrator

The administrator passcode has unique and highest authority,.

**Note:** After adding the lock for the first time, the lock time should be calibrated by App, and the operation is shown as follow: main interface → Settings → Lock Clock → Calibration time.  
Otherwise, some functions may not be available.

## Add Users by App

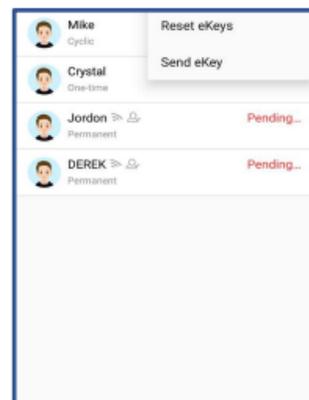
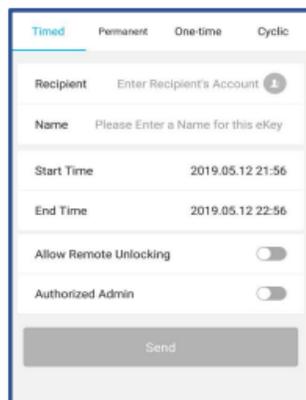


In the main interface of the TTLock App, select Passcodes, Fingerprints or IC Cards, and click on the upper right to add and manage fingerprints, passcodes and IC cards. You can add users for limited time or permanent access. The access records can be queried in the main interface.

**For example: Add Fingerprint**

The user add fingerprint as following operations: Main Interface→ Fingerprint Add →Fingerprint→Name it→Place finger on the recognition area 5 times following the voice prompts.

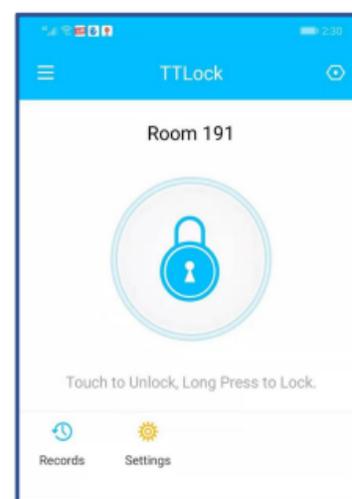
## Send Key by App



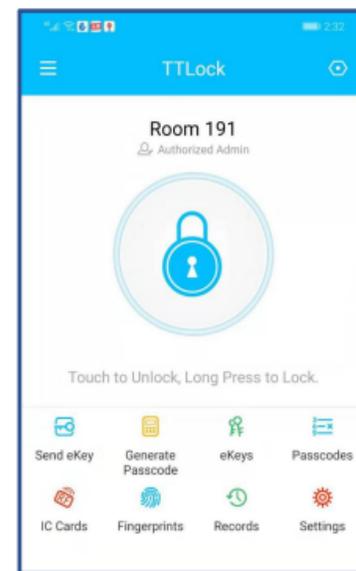
After adding the lock successfully, the user has the highest authority of the lock, which is the administrator of the lock. The user can send the bluetooth key to others with setting the time limit, and has the right to select the limited time, permanent or one-time Bluetooth key. The key is sent to recipient's mobile phone or email and the recipient will get the key and authority of the lock in the TTLock App.

Administrators can manage all the keys they send out, including clearing keys, resetting keys, sending keys, adjusting the time limit of the keys, and viewing the access records.

## Send Key by App



Ekey



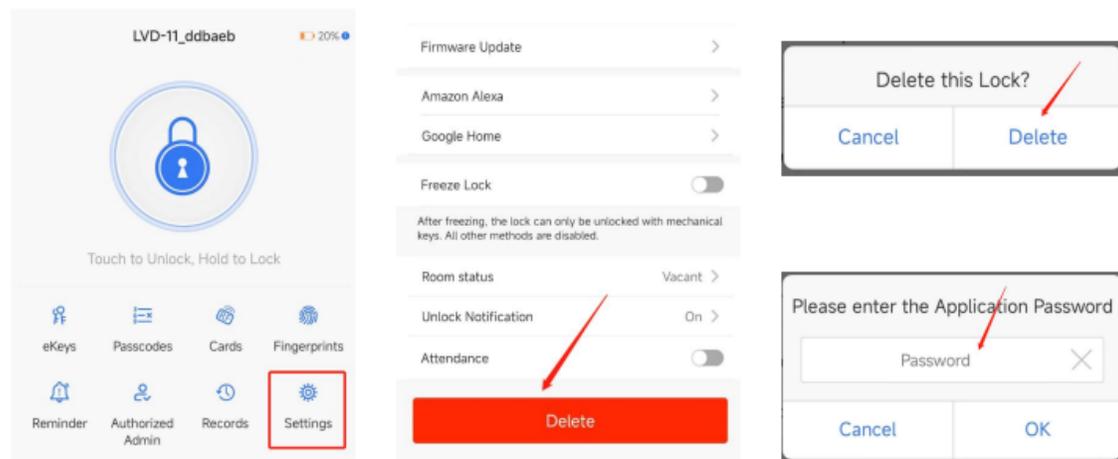
Admin Ekey

Note: The recipient can remotely receive Ekey.

A. Ekey has the rights of one-button unlocking, checking access records, and setting passage mode.

B. Admin key has rights of adding locks, managing users, and so on.

## Initialization by App



1. Turn on the Bluetooth on your phone and open the TT lock App.
2. Follow the process as shown in above Figures.
3. Enter the password of the TT lock App.

## Initialization by Key

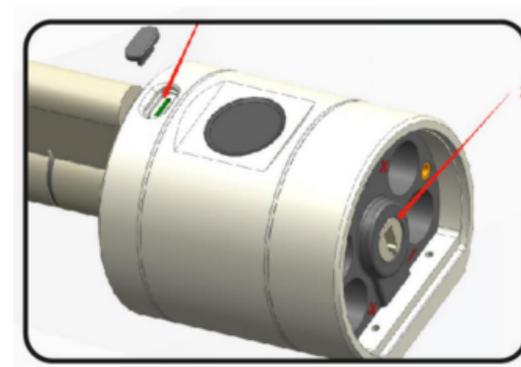


Figure 1



Figure 2

1. Remove Battery Cover as shown in Figure 1;
2. Charge the lock by USB interface;
3. Insert key and turn 90 degrees and hold for 3 seconds as shown in Figure 2, after five beeps, Turn the key back, then input 000#, and after a long beep, wait for 5 seconds, pull out key.