Slim 5 in 1 Smart Lock - CL450BF

The CL450BF is the latest addition to the SecEsafe slim smart lock range. The CL450BF adopts all of the best features of the CL410BF & CL420BF; however, in addition to this, the added key system makes it the perfect smart lock to incorporate your pre-existing key system or restricted key system alongside you smart lock. The smart lock design is DDA compliant making it the perfect smart lock for commercial and regulated properties.

With the CL450BF, you can access and control your smart lock conveniently and securely. The smart lock can be managed through the TTLock app (available on iOS/Android devices). You can easily manage user access from your smartphone by sharing and deleting access, viewing who has accessed the lock, and sharing admin abilities where required. The CL450BF is the perfect smart lock for commercial, residential, Airbnb, Motels, Gyms etc. The smart lock is available in matt black and stainless steel to accommodate all your modern, aesthetic needs.
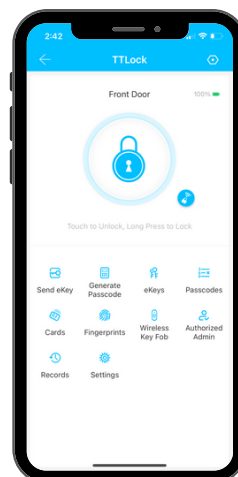
TTLock Available on iOS & Android Search for "TTLock"
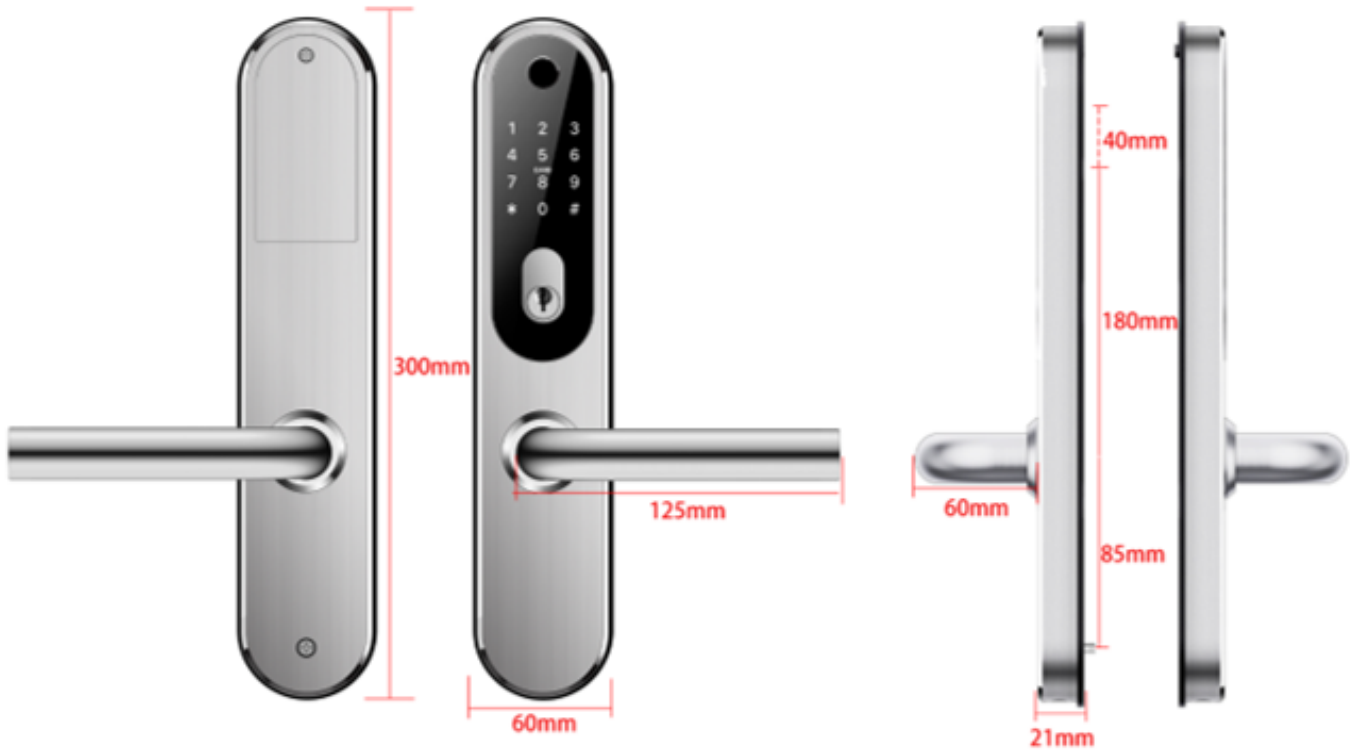
Android   Apple (iOS)

WORKS WITH amazon alexa   works with Google Assistant

Product Specifications

Product Code	CL450BF
Ingress Protection (IP) Rating	Not IP Rated – Internal Door Use Recommended
Bluetooth Comms Distance	8 Metres (walls impede signal)
Communication Mode	BLE 4.0 (Bluetooth Low Energy)
Unlocking Options	Bluetooth, Code, MiFare Fob, Fingerprint, Remote
OS Support	iOS 9+ / Android 5+ / MacOS 11 + M1 Mac
Unlock Time	~1.5 sec
Power Supply	4x AA Batteries/6V

Features

TTLock App

The " TTLock" app can be used to manage the smart lock. This includes creating Authorised Administrators, creating codes and eKeys for users as well as opening the Lock using Bluetooth via the app.

User Codes

The mobile app can generate up to 300 codes, with validity durations including One Time, Permanent, or from 5 minutes to 180 days.

Failed Attempts

After 5 unsuccessful attempts at entering a code, the Bluetooth lock will be unresponsive for 5 minutes. Mechanical key and Bluetooth Unlock can be used to unlock in this state.

Fingerprint Access

Fingerprint access can be added through the TTLock app for up to 100 users.

Auto Lock

After successfully unlocking, the Bluetooth Lock will be automatically lock after a period of time (between 5 to 120 seconds). The owner sets this function according to their needs.

Lower Battery Consumption

4pcs AA batteries can provide 5000 openings. Battery status can be viewed in real time from the TTLock App. When the batteries are low, it will emit low battery warning.

Emergency Unlock. Use the mechanical key or Micro USB cable (not included) to provide power and open the lock should the batteries go flat. Decoy Code: 8 decoy digits can be entered prior to the actual code to prevent the code from being exposed.
The TTLock App can be used with multiple locks: Ensure you select the correct device when managing settings or adding users.

Corporate
Locksmiths & Electronic Security

CL420BF
Installation Instructions

Note：
1. Before using this lock, please pair it to the mobile phone App .
2. 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.
3. To power on the lock, four alkaline AA batteries(not included) are required. Non-alkaline and rechargeable batteries ARE NOT RECOMMENDED.
4. This lock is not designed to be exposed to direct sunlight or rain. It is not waterproof IP rated.
5. The operation of setting lock has a stand-by time limit of 20 seconds; Without any activity, lock will shut after 20 seconds.
6. Keep your fingers clean when using this lock.

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

Mortice Lock Compatibility

Slim form factor locks are able to be installed in more cramped conditions.
For instance on a glass door with a thin metal frame.

For slim form factor locks like the CL420BF, short backset locks are commonly used.

The lock will also function with an existing mortice lock, such as the short backset 23mm Lockwood 3782.

While 55-60mm backset mortice locks are compatible,
the CL835BF is recommended for these locks.

Supplied Mortice Lock Options

Model	Backset	Lock Depth	Faceplate Length	Locking Features
6072 Swing	60mm	90mm	236mm	Latch with Deadlatching trigger, Bolt
5572 Swing	55mm	84mm	236mm	Latch, Bolt
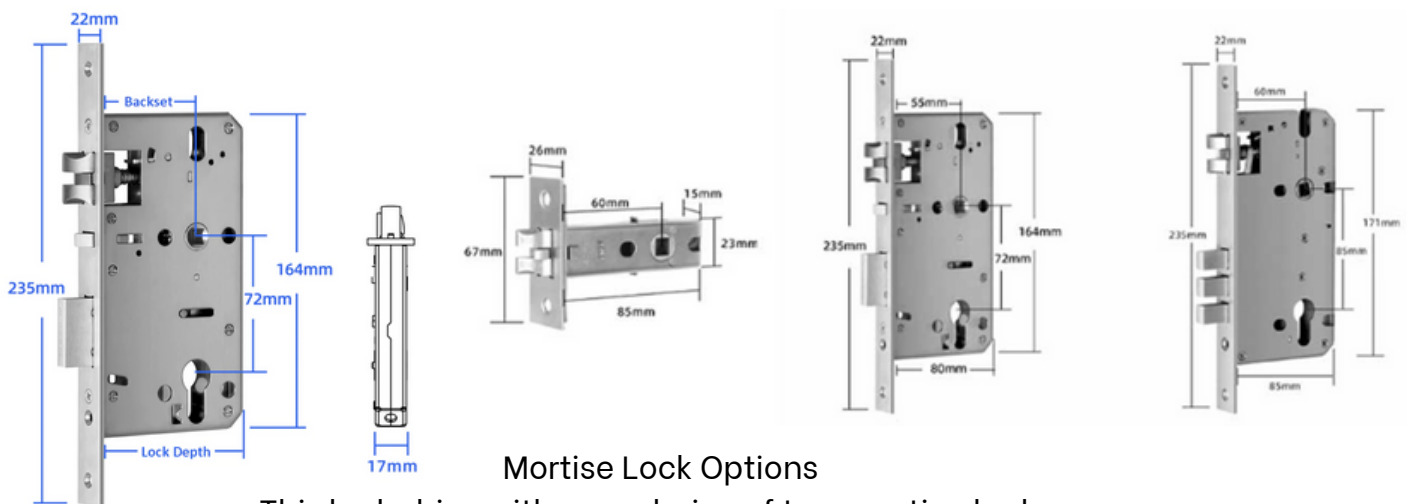
Mortise Lock Options
This lock ships with your choice of two mortice locks.
The 6085 has a 60mm backset & is suited for swing doors. It includes a latch, deadlatching trigger & deadbolt. It can be installed on interior & exterior timber/metal doors.
The 5572 has a 55mm backset & is suited for sliding doors. It uses a rotating hook to lock the door.
The lock will also function with any existing mortice lock, with a backset from 40-65mm.
E.g. The Lockwood 3572 60mm backset mortice lock.
It can also be installed with an existing 60/70mm backset tubular latch.

**These steps are similar for:**
Cards, Fingerprints & Wireless Remotes

1. Select the lock you wish to add users to.
2. Press "**Cards**", "**Fingerprints**", or "**Remote**", depending on what credential you wish to add.
3. Press the "**Add Fingerprint/IC Card/Remote**" button
4. Enter a name for the credential, & specify whether it is permanent or will only work for a limited time.
5. Follow the prompts to add the credential. The software will ask you to present the card to the lock, place your finger on the fingerprint reader or press a button on the remote.
6. Once this is complete, "**Operation Successful**" will show, & you will return to a screen showing the new credential

Wireless Remotes are not compatible with all locks.
Settings → Firmware Update: Version 5.3.3.2 and above
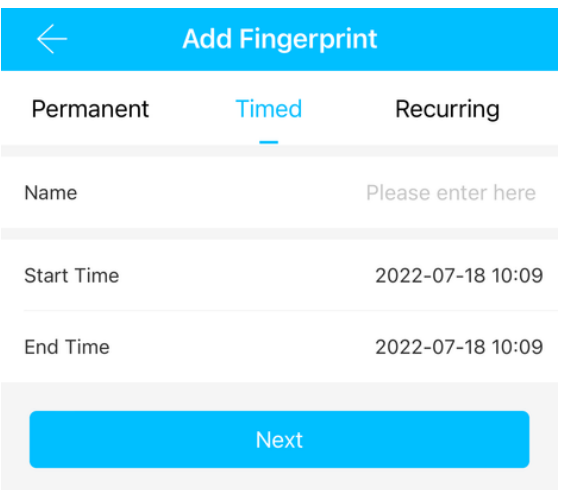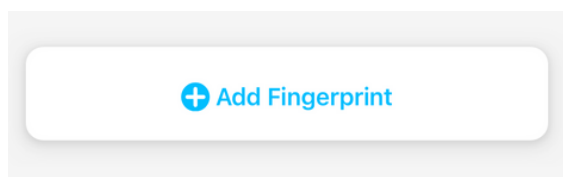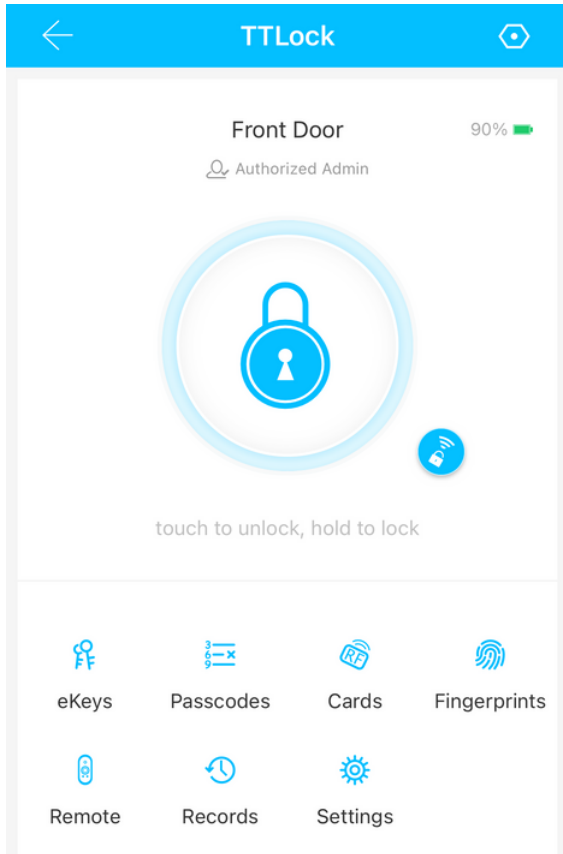
Enabling Remote Unlock
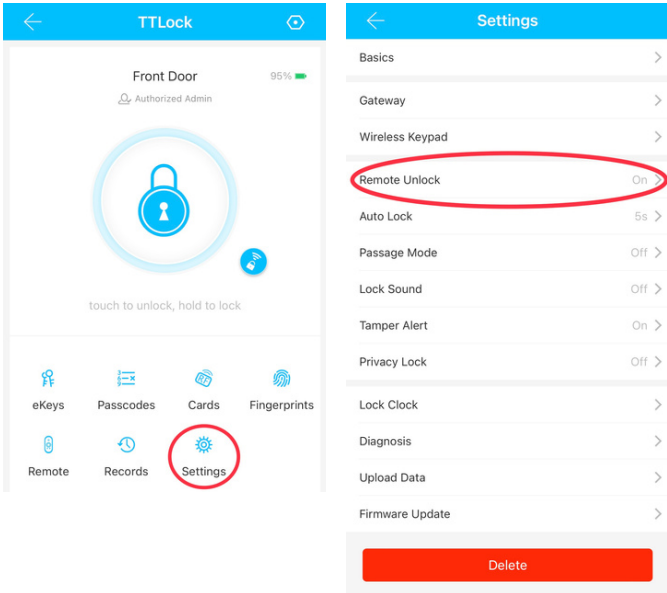
1. Open "TTLock"
2. Select the lock, then select "Settings"
3. Select the "Remote Unlock" setting
4. Press the button to turn **ON** "Remote Unlock"
5. Repeat this process for each lock that will connect to the gateway.

secesafe.com/CLBTG2W

secesafe.com/CLBTG3E

Gateway Setup

1. Open "TTLock" and press the menu button. ("Hamburger"/3 horizontal l☰s)
2. Select the "Gateway" option, then press the "+" icon.
3. Connect the G2/G3 Gateway to your network using 2.4GHz Wi-Fi or an Ethernet cable.
4. Press the "G2" or "G3" Gateway option, then power the gateway using the included USB-C cable. The light will start blinking Blue & Red.
5. Choose the Gateway from the list, name it & move to the next page.
6. The gateway will then search for nearby locks.
7. Afterwards, the connected locks will be shown as well as their signal strength.

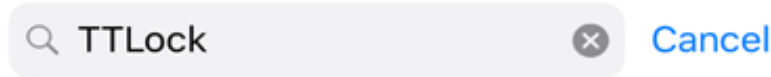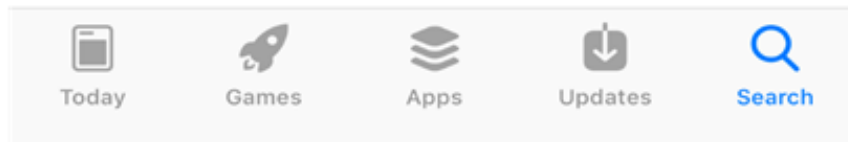**For more information on Gateway Setup scan the QR Codes above**
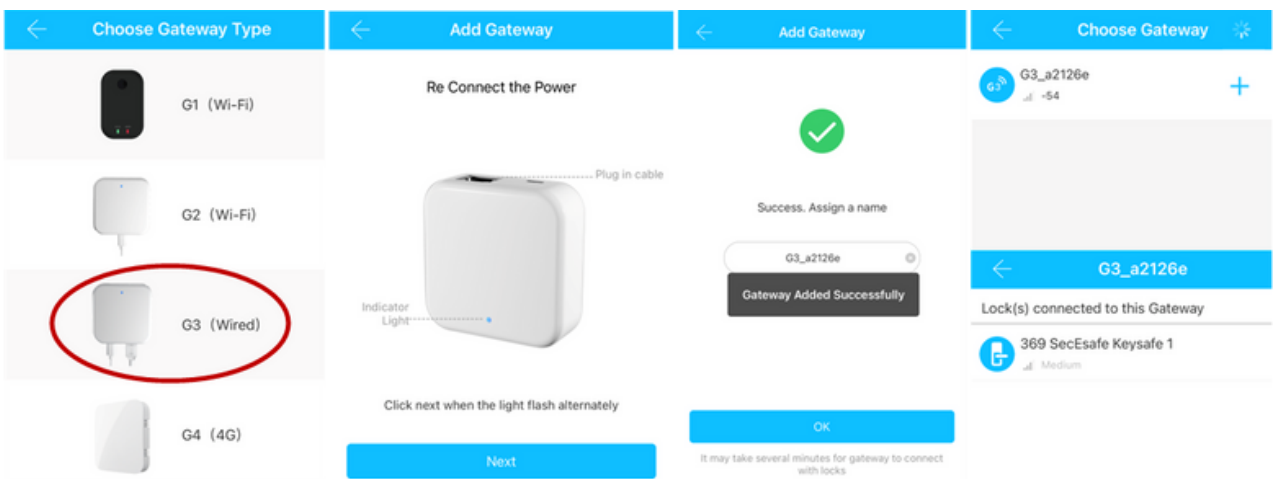
Installing TTLock

Search for "TTLock" on the App Store
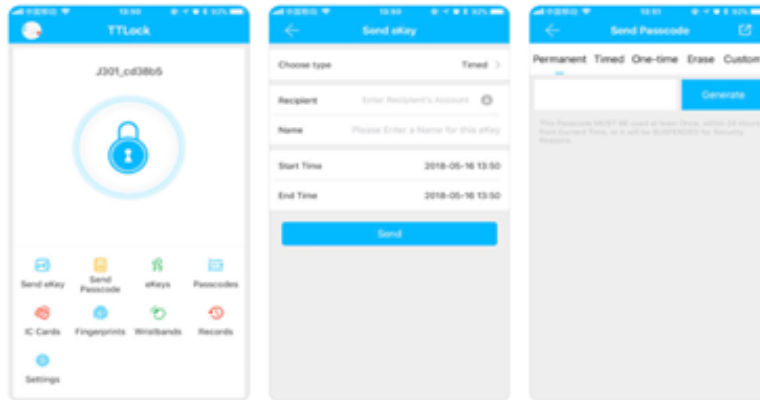
Android

Apple (iOS)

More Information

DOOR PREPARATION

1. Check door thickness and Door Frame.
   - Door frame≧110mm
   - Door thickness: 38-48mm

2. Check door open direction.
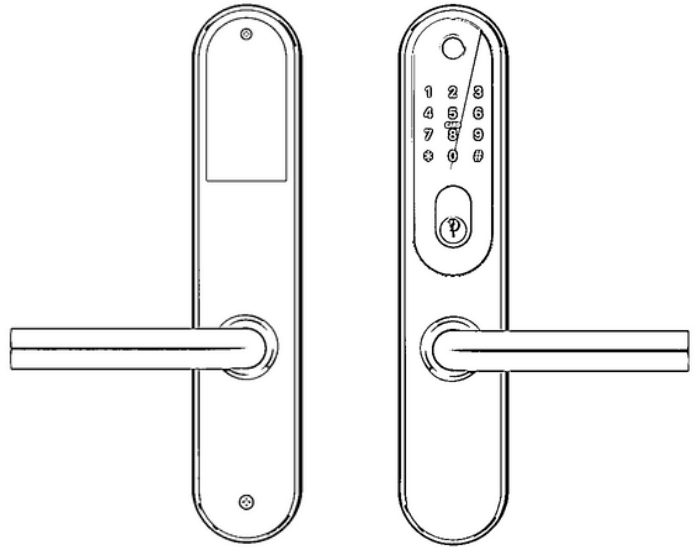
PACKING LIST

Front Panel: x 1
Back Panel: x 1
Mortise: x 1
MiFare Card: x 3
U-Clip: x 1
User Manual: x 1
Strike & Strike Box: x 1
Screw Stubs 30mm: x 2
60mm Square Shaft: x 1

Screw Stubs 35mm: x 2
Sliding Screws 11mm: x 2
Mortise Screws: x 4
25mm Screw: x 1
30mm Screw: x 2
40mm Screw: x 2
50mm Screw: x 2
60mm Screw: x 2
80mm Square Shaft: x 1

*Batteries Not Included

CHANGING LOCK HANDING
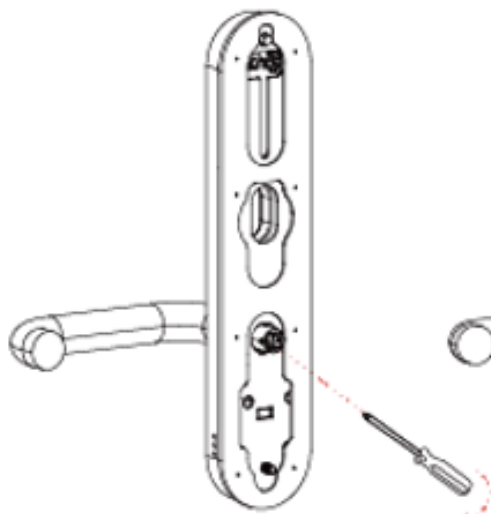
1. Turn the handle on the front panel
Loosen the inner hexagon screw of the handle counterclockwise
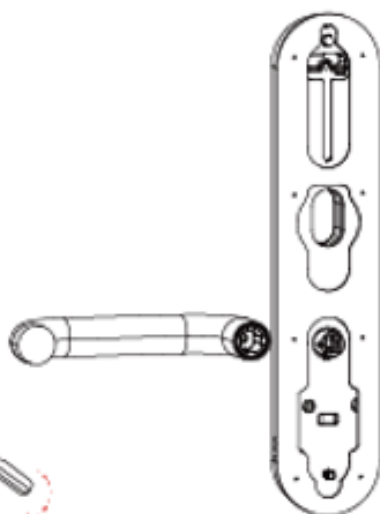
2. Remove the handle

3. After adjusting the direction of the handle, insert it into the handle seat and re-lock the hexagon screw of the handle to the complete the turning
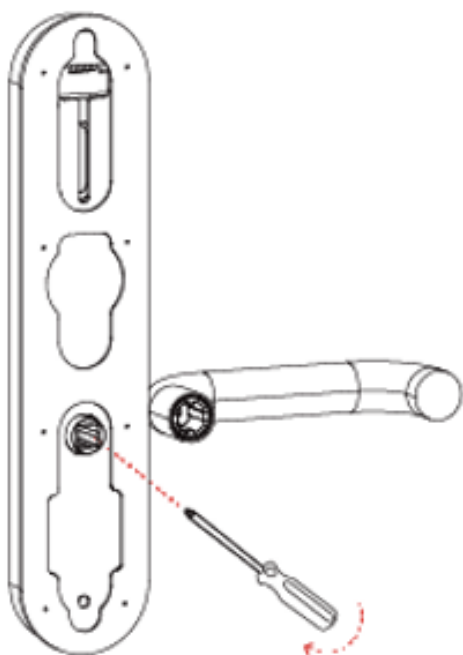
1. Turn the handle on back panel
Loosen the inner hexagon screw of the handle counterclockwise
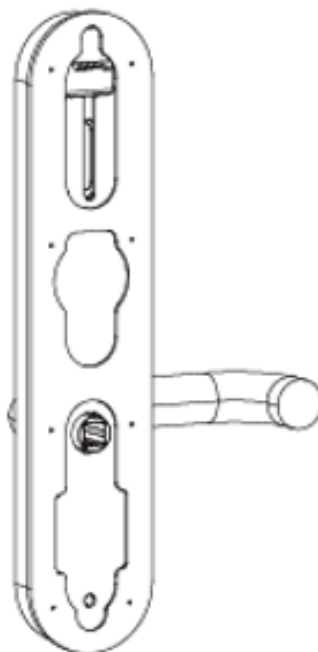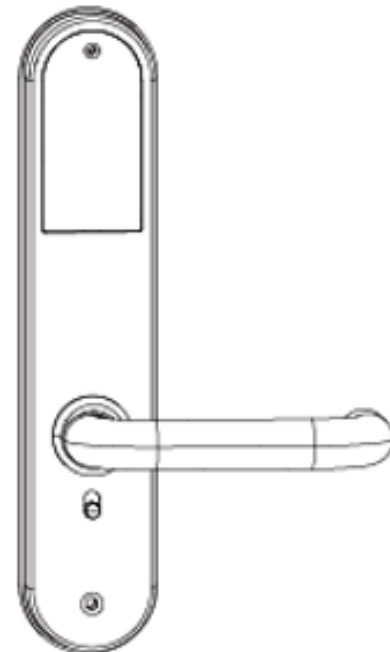
2. Remove the handle

3. After adjusting the direction of the handle, insert it into the handle seat and re-lock the hexagon screw of the handle to the complete the turning

INSTALLATION INSTRUCTIONS

Step 1 - Install Mortice and Lock Cylinder
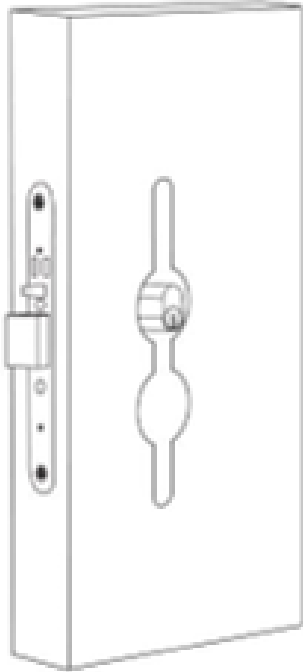
Step 2 - Install Sliding Screw Casing
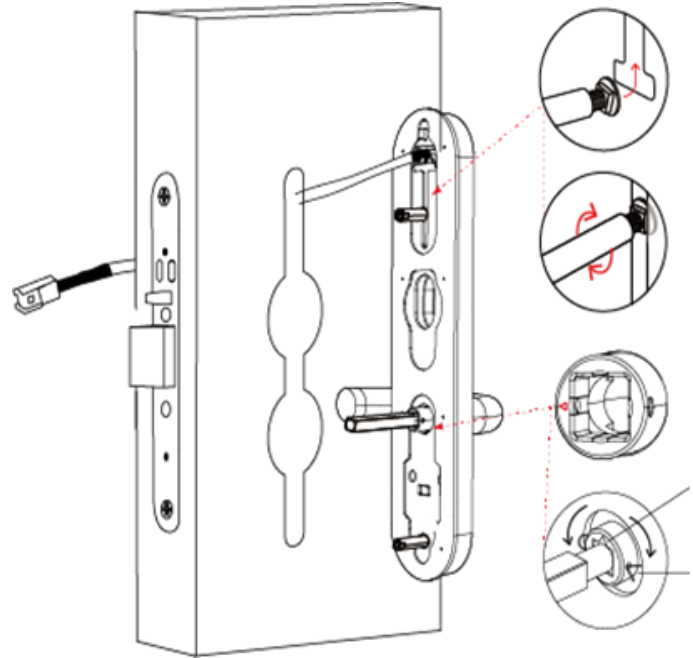
Step 3 - Install Back Panel and Connect Wire
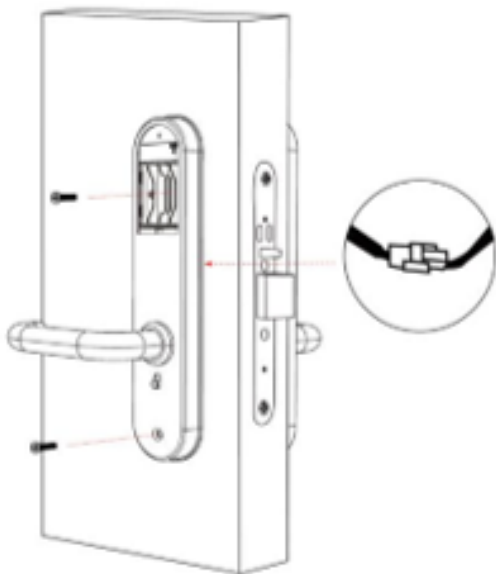
Step 4 - Install Battery and Back Cover
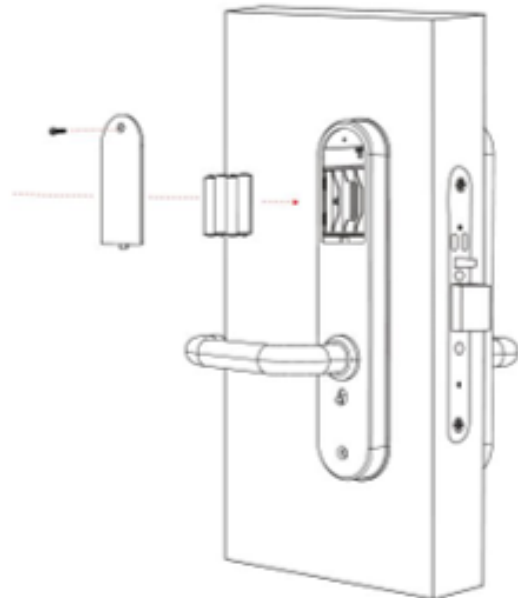
Step 5 - Installation Complete
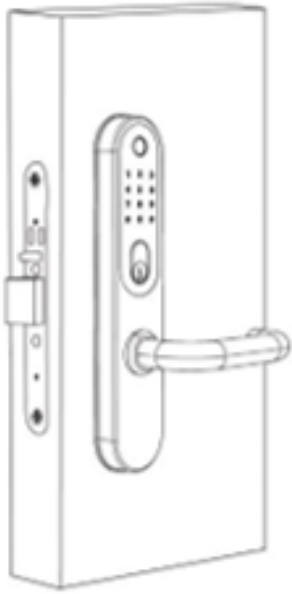
Step 6 - Once Complete, open the TTLock App and follow the prompts to connect the lock to your account.
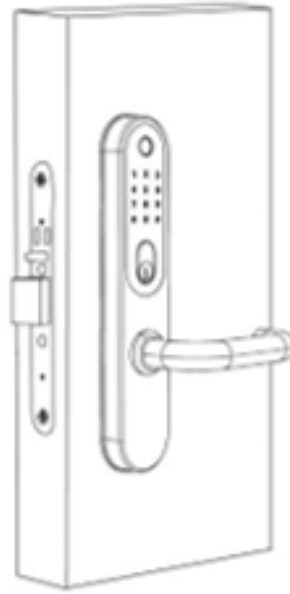
System Initialisation

Open the cover plate of the front panel, long press the "Reset" button on the back panel for 5s, press "000#", and the initialization is complete

Reset button

1. APP Installation and Registration

1.1. Download the "TTLock" App form Google play store or Apple store.
2.2. Install and register an account with your phone number or email.

> Note: The APP only supports Android 4.3 / IOS7.0 version and above. Once you pair a device with your phone/account, the device will not be able to link to other accounts, unless you remove the link from the App.

2. APP Connection

2.1. Turn on the Bluetooth on your phone.
2.2. Open the APP. Then click "Add Lock" and "Lock".
2.3. Touch the touch screen button of the smart lock to activate lock, the number keys indicator light will be bright and Click "Next"on the APP.
2.4. Find the smart lock name which starts with "xx_xxx" and click "+".
2.5. Rename the name of smart lock and click "OK", then Click "Finish".

> Note:
> (1) If you do not see the + sign, it means that that device has already been paired with another phone / account and cannot be linked to your phone. You will need the previous owner to remove the device from the account or transfer control of the device to your account. Also, remember that your phone must be connected to the internet (3G / 4G / Wifi) when ADD / LINK a new device.
> (2) Remove a Bluetooth Admin: Press and hold the reset button on the back panel of the lock, the lock will indicate "Please input initialization passcode", then enter "000#" on the keypad, the lock will be indicate "deleting administrator successfully", which means the lock has been restored to factory defaults after initialization.

3. APP Operation Instruction

3.1. Send eKey

eKey is a function for you to authorize the Admin rights to other members, who has download the same APP in their own phones.All the people who holds can control the smart lock.

3.2. Generate Passcode

The passcode receiver can unlock the smart by entering the passcode manually. The passcode can be set as different type:Permanent /Timed / One-time(6 hours) /Erase (24 hours) / Customized / Recurring . All passcodes generated can be sent to those in need by mail and chatting tools.

3.3. eKeys: A file to manage the status and history of eKeys.

3.4. Passcodes: A file to manage the status and history of Passcodes.

3.5 IC Card: A file to manage the status and history of IC cards.

3.6 Fingerprints: A file to manage the status and history of Fingerprints.

3.7. Records: View locking and unlocking information to check when and who used it.

3.8. Authorized Admin: Authorize the admin to the users who can operate the lock as an Admin user.

3.9. Setting

    3.9.1. Basics: Display the Lock Number, MAC/ID, Battery lever, Lock Name(you can manually change name of the door), Lock Group(he administrator can add multiple locks for grouping,which is suitable for rental housing. It is more convenient for group management of personnel), Admin Passcode(the default passcode is the unlock passcode of the administrator, which can be manually changed to a custom passcode).

    3.9.2. Auto Lock: Off-by-default. Open the App-click Setting, click Auto Lock-turn on and set time to 10S, 15S, 30S, 60S or Custom seconds you need, then click OK. When the setup is completed, it will be automatically locked after unlocking (for example, it will be automatically locked 10 seconds after unlocking if the time is set as 10 seconds).

    3.9.3. Lock Clock: Calibrate time of the lock.

    3.9.4. Diagnosis: Analyse the problem of the lock.

    3.9.5. Read Operation Records: This operation will read all records stored in the lock.

    3.9.6. Firmware Upgrade: to check whether there is any update version.

    3.9.7. Unlocking Notification: On-by-default. If this function is on, the administrator's phone will receive the unlocking information when someone who assigned with a key unlocks the door with the APP.

3.10. System Settings

    3.10.1. Sound: On-by-default, you can manually close it to turn off App system unlock operation sound.

    3.10.2. Touch to Unlock: Off-by-default, this function is invalid when the "ttlock" APP is turned off or running on the background of your phone. When the APP is open and connect within 10 meters from the lock, any family members can unlock the door by pressing any one touch screen button for at least 2 seconds. It is recommended to close the option if you do not need it.

    3.10.3. Lock Users: You can check your lock users here.

    3.10.4. Lock Group: the administrator can add multiple locks for grouping, which is suitable for rental housing. It is more convenient for achieving group management of personnel. It can be modified or deleted if not needed.

    3.10.5. Transfer locks: This function is used to transfer the administrator rights. Once transferred, you will not the administrator again.

    3.10.6. Transfer gateway: This function is used to transfer the gateway. Once transferred, you will lose the right for managing the gateway.

    3.10.7. Languages: App system language setting.

    3.10.8. Screen Lock: After the function is turned on, you need to use your fingerprint or account password to open the the lock App. No need to verify again within 3 minutes.

OPERATION INSTRUCTIONS FOR DIFFERENT FUNCTIONS

1. Unlock

1.1. Unlock with APP: Turn on the app and click the lock icon ⬤ in the interface to unlock it (The phone should be within 10 meters from the door lock).

1.2. Unlock with passcode: enter the numeric passcode and then press the # key to confirm the unlocking (The Admin Passcode can be set in the APP setting).

1.3. Unlock by touching the keypad: Open the APP, then turn on the "Touch to Unlock option" in the System Settings. Touch the keypad to unlock the door (The phone is required to be connected to WiFi or mobile data network and within 10 meters from the door lock).

1.4. Unlock by mechanical key: use a pointed object to open the circular keyhole which is under the touch screen button then insert the key to unlock it.

1.5. Unlock manually: manually twist the knob on the Back panel to unlock it.

1.6. Unlock with IC card: Swipe the valid mifare card to unlock it.

1.7. Unlock wih Fingerprint: Press the valid fingerprint to unlock it.

2. Lock

2.1. Lock with APP: Turn on the App, press and hold the lock icon for 5 seconds to lock it. (The phone should be within 10 meters from the door lock).

2.2. Auto Lock: When you turn on the "Auto Lock" option in the APP and set the auto lock time, the lock will be locked automatically after you unlock the door.

2.3. Lock with the # key: press and hold the # key on the front panel keypad for 3 to 5 seconds to lock.

2.4. Lock by mechanical key: use a pointed object to open the circular keyhole which is under the touch screen button then insert the key to unlock it.

2.5. Lock manually: manually twist the knob on the Back panel to lock it.

3. Modify the Administrator's Unlocking Passcode

Open the APP - locate the lock you want to change admin passcode - click Setting - click Basic - click Admin Passcode - enter the new passcode with 4-9 numerical digits - click OK (The phone is required to be connected to WiFi or mobile data network and within 10 meters from the lock).

4. Remote Authorization of ekey

Turn on the APP - click Send eKey - select the ekey type as "Timed" or "Permanent" - Enter the APP account of the recipient-click Send button.
(The phone is required to be connected to WiFi or mobile data network)

5. Freeze / Delete / Authorize / Name / Operate Already Sent ekeys by Administrator

Turn on the APP- click eKeys - click the ekey that has been sent - click Name / valitidity / delete the eKey info you need - clicking the menu on the upper right corner to conduct the freeze / authorization operation. (The phone is required to be connected to WiFi or mobile data network.)

6. Switch Administrator

6.1. Delete the Administrator right

Open the APP- locate the lock - click Setting - click Delete - enter your account password - click OK - Using a new phone to pair the lock again. A lock can only be paired with one administrator phone. Please stand within 10 meters away from the lock to open and connect the APP.

6.2. Switch through the Transfer locks function.

Turn on the APP - click System Settings - click Transfer Locks - Select Locks - click Next - enter the recipient's APP account and the verification code - click Next - Finish (The phone is required to be connected to WiFi or mobile data network & within 10 meters from the lock).

7. Remote Authorization of Passcode

Turn on the APP - click Send passcode - select the type of the passcode (Permanent / Timed / One-time / Custom / Recurring) - click Generate. Then it will create a passcode. You can send the code to others by SMS, email and other chatting tools.(The phone is required to be connected to WiFi or mobile data network.)

8. Add or Clear IC card

Select" IC Cards" in the app, then select" Add IC Card" from the menu on the right. There, enter a name to identify the card and selectthe type of access (temporary or permanent). When you press Ok, the lock will instruct you to bring the IC card closer to the lock to complete the process. Select" Clear IC Cards", all IC cards of this lock will be deleted.

9. Delete Already Sent Passcode by Administrator

Turn on the APP - click Passcodes - select the passcode that has been sent - delete the passcode (The phone is required to be connected to WiFi or mobile data network and within 10 meters from the lock).

10. Add or Clear Fingerprint

Select" Fingerprints" in the app, then select" Add Fingerprint" from the menu on the right. There, enter a name to identify the fingerprint and select the type of access (tempo-rary or permanent). When you press Next, the lock will instruct you to place your Finger to the Sensor several times. Select" Clear Fingerprints", all Fingerprints for this Lock will be deleted.

11. System Reset

Press and hold the reset button on the back panel of the lock, the lock will indicate "Please input initialization passcode", then enter "000#" on the keypad, the lock will be indicate "deleting administrator successfully", which means the lock has been restored to factory defaults.

FAQ'S

Q: How can I reset my ttlock app account if I forgot my password?

A: 1. Open the ttlock lock App, click Forgot password, enter the email address you registered for your ttlock account.
2. Enter a new password, check Get code. You should receive verification code in the email, Enter the verification code to reset your password. Use the new password to sign in the account.

Q: Can I still use the smart lock when my phone is lost or turn off?

A: 1. Yes. You can still use the traditional physical key or password to lock / unlock the door.
2. Use a new phone to download the App, Sign in your App account with the email or phone number and password. Enter the verification code, then you can use the new phone to unlock the door. Don't forget to reset the door after you unlock it.

Q: The door won't lock automatically when I close it.

A: 1. Check if Auto Lock is set. If not, press and hold the # key on the panel keypad for 3 to 5 seconds to lock the door.
2. If the door doesn't lock automatically when Auto Lock is set, then the lock has been installed incorrectly.
3. The Auto Lock function is not activated when the batteries are completely discharged. Check if the batteries are discharged.

Q: Lock configuration failed.

A: 1. Remove the mechanical key from the cylinder.
2. Check that the door was closed properly or if lock operation was interfered.

Q: The App is disconnected from the door unit and / or I can't find my lock on the App.

A: 1. Close the App, turn off your phone's Bluetooth. Then turn Bluetooth back on, and open the App.
2. Refresh the App.
3. The lock can only be connected to one user's App. It's possible that another user's phone App is already connected to the lock. If don't know which user is connected to it, you have to reset the lock.

Q: The smart lock has started beeping whenever I lock or unlock the door.

A: This is an indication your battery is low; it's time to change the batteries.

Q: I'm unable to open the door from a distance of 10 meters / yards

A: 1. The app works via a Bluetooth connection, which can be impacted by the environment.
2. For both security and functionality reasons, try moving as close as possible to the lock."
3. The battery is low, use the emergency power supply for the door.

IMPORTANT INFORMATION

1. Read all instructions in their entirety.
2. Familiarize yourself with all warning and caution statements.
3. Remind all family members of safety precautions.
4. Always have access to your lock's standard key.
5. If using the Lock with the # key or Auto-Lock features, make sure to have your smartphone, passcode or standard key with you to prevent locking yourself out.
6. Replace low batteries immediately. Preventing Inadvertent Unlocking of Your Door.

WARNING

Failure to follow these safeguards could result in your lock opening inadvertently.
1. Avoid keeping and storing phones and fobs unnecessarily close to the lock when inside the home.
2. Restrict access to your lock's back panel and routinely check your settings to ensure they have not been altered without your knowledge.
3. Protect the password to your ttlock app and your account.
4. When sending an eKey, always double-check that you are sending it to the correct recipient.
5. Protect and restrict access to your smartphone so that your app settings cannot be altered without your knowledge.
6. When sending eKeys, be aware of the difference between an Admin user and other users in the system. The Admin user can send, disable and delete eKeys.
8. If your smart phone is lost or stolen, reset your lock. Resetting your smart lock system will restore your lock to factory settings and delete all smart phones and fobs.