Smart Lock (TT Lock)

Installation Manual

- Supports multiple unlocking methods: Bluetooth, fingerprint, card, and password.
- Allows specific unlocking methods within designated time frames.
- Supports sending electronic keys for unlocking.
- Supports emergency mechanical key unlocking.
- Remote unlocking (optional).
- Bluetooth remote control unlocking (optional).
- Electronic anti-lock (optional).
- Supports attendance tracking.
- Supports virtual password to prevent shoulder surfing.
- Low battery alarm.
- Anti-tamper and anti-pick alarm.
- Emergency power interface (Type C).
- Supports firmware OTA updates.
- Compatible with apps like TT Lock and TT Renting.
- Supports Tongtong Hotel.

★Please keep the mechanical key in a safe place outside. Before installation, read this manual carefully and keep it in a safe place.

★Before Use：

1.Download the Tongtong Lock app, register, and add the lock for management. For apartment rentals, use TT Renting.

TT Lock
Download the QR code

TT Renting
Download the QR code

2. Factory Reset (If you need to reset the lock to factory settings, follow these two methods)

Method 1: The mobile admin opens the app near the lock and selects to remove the lock in the app, resetting it to factory settings.

Method 2: If the lock has been added to a mobile admin but cannot be managed or reset using the original mobile admin, press and hold the reset button on the lock. When you hear "Please enter the initialization password," enter 000# to reset the lock, clearing all fingerprints, passwords, cards, and mobile admins.

Functions & Operations

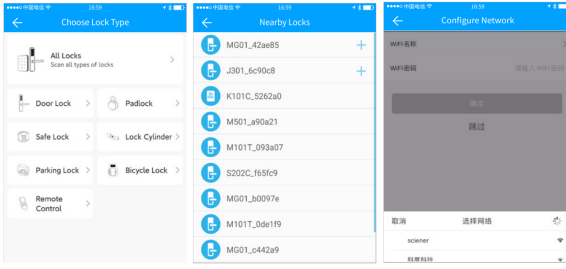
1.Mobile Admin Setup
(A) Adding a Mobile Admin

1). Open the APP and tap the menu icon in the top left corner to access the menu, then select "Add Lock" -> "All Locks" to automatically search for nearby devices.

2). Touch the panel to light it up, and the lock will prompt "Please add Bluetooth admin" to enter discoverable mode.

3). Click the "+" sign next to the desired lock in the list, wait for the successful addition prompt, then click "Confirm" to complete the lock addition. (If a WiFi module is included, select the WiFi to connect and enter the password after successful addition.)
Note: After setting an admin password or adding a mobile admin, you can enter *83#admin password# on the lock to put it back into a mode where it can be added by other APP accounts, allowing them to become new admins.

2. After adding an administrator to a new App account, the lock under the previous account will be automatically deleted, that is, only one first-level mobile phone administrator is allowed.



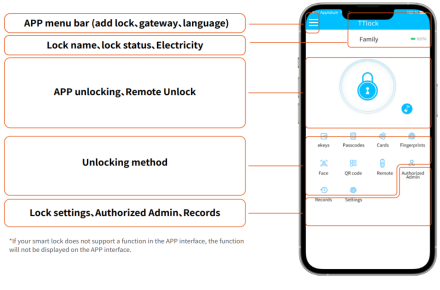
Deleting Mobile Administrators

In the App, select the lock from which you wish to delete the mobile administrator, tap on Settings, and then tap on Delete.

Note: After deleting the administrator on the App, the lock will reset to its factory settings, and all previously added fingerprints, passwords, and cards will become invalid.

Door Lock Management

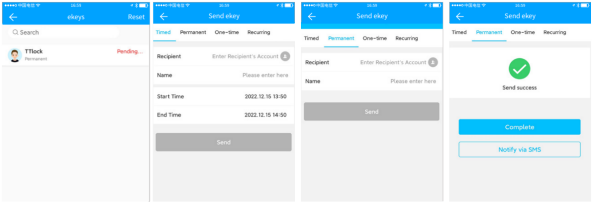
After adding a lock in the App, you can send door opening permissions with various methods including electronic keys, passwords, IC cards, fingerprints, facial recognition, remote control, QR codes, and WeChat scanning. When sending permissions, you can choose from four different validity periods: permanent, time-limited, single-use, and cyclic. The supported opening methods and validity types vary depending on the type of lock. (★: The menu changes according to the features supported by the door lock)



1. Send key

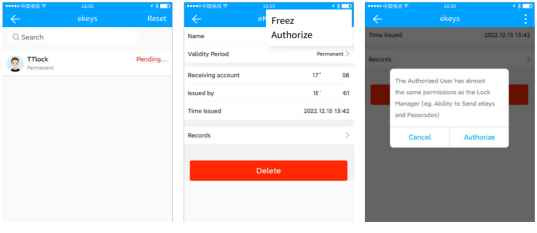
You can see all ekeys here. Press "Reset" at the top right to delete all of them.In the ekey's detail page, you can view, change,freeze, and delete it.Click "Send eKey" to send ekey to someone else. If the recipient account hasn't been registered yet, it will be registered automatically. A SMS message or email with password will be sent

Remote unlock: Gateway is needed to do remote unlock.Identity verification: (It only works in China).



2.Key management

In the ekey's detail page, you can view, change, freeze, and delete it.You can see all ekeys here. Press "Reset" at the top right to delete all of them.



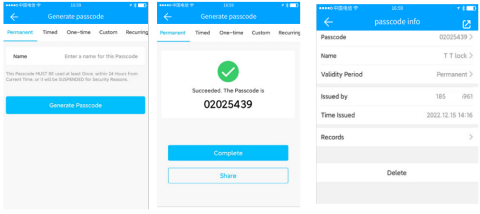
3.Passcodes

Obtaining a Password: Door locks with password capabilities can obtain a password by filling in the corresponding information. There are six types of passwords:

Permanent Password: Refers to a password that can be used indefinitely.
Time-limited Password: Allows setting an expiration period, ranging from a minimum of 1 hour to a maximum of 3 years.
Single-use Password: Can only be used once, and the validity period is only 6 hours.
Clear Password: After use, it clears all passwords except for the administrator's.
Custom Password: Allows setting a desired password and setting an expiration period. This password must be sent through a gateway or directly to the lock.

Cyclic Password: You can set a time interval for opening the door, which can be cycled according to weekdays or weekends.

4. APP Password Management: Access the password management feature where you can manage all generated passwords. This includes functions such as deleting, modifying, resetting, sharing passwords, and viewing the access records associated with each password.



3. Lock-side Password Management:

① Adding a New Administrator Password: If the lock has not set an administrator password and has not added a mobile administrator, you can input *12#123456# -> Enter the new administrator password# -> Re-enter the same password# to complete the addition of the new administrator password.

② Adding a Password: On the lock, input *80#Enter the administrator password#Enter the new password you want to add# -> Re-enter the same password#.

③ Modifying a Password: On the lock, input *10#Original password#4-6 digits of the new password#, then repeat the new password#. (To modify the administrator password, please input *12#)

④ Deleting All Passwords: On the lock, input *71#Administrator password# to delete all unlock passwords (the administrator password is not deleted).

⑤ Deleting a Specific Password: On the lock, input *72#Administrator password# to delete a specific password (the administrator password cannot be deleted).

4.Card Management

1). APP-side IC Card Management: On the App, tap "IC Card" -> Add IC Card -> Enter the name and select the validity period -> Click Confirm, then swipe the card to add it. (Adding through the App must be done near the lock). The validity period of the IC card can be set to permanent or time-limited. After setting, you can also perform operations such as renaming, changing the validity period, viewing operation records, deleting, and resetting the door lock IC card.

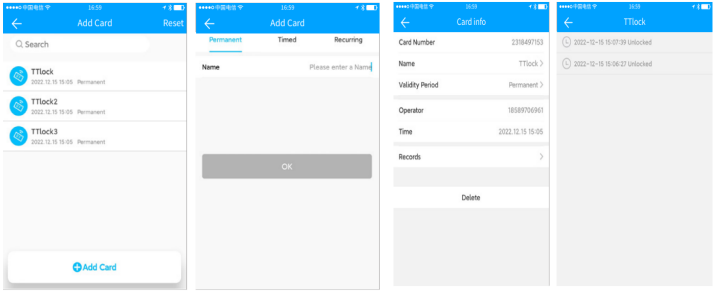
2). Lock-side IC Card Management:

① Adding an IC Card: On the lock, input *80# -> Enter the administrator password#, then swipe the card to add it.

② Deleting an IC Card on the Lock: On the lock, input *69# followed by the administrator password# to delete all IC cards.

Please note: IC cards added directly on the lock can be managed after uploading the data through the app. After successfully adding an IC card directly on the lock, you can continue to add other IC cards, or exit the add mode by pressing the * key or waiting for the timeout.

*If the lock is equipped with a gateway, you can remotely issue cards using the NFC function of an Android phone, or use the lock management platform to issue card numbers, or issue cards using the hotel card writing method.



Fingerprint：

Fingerprint management is similar to IC card management. After adding a fingerprint, you can use the fingerprint to unlock the door

2. Lock-side Fingerprint Management:

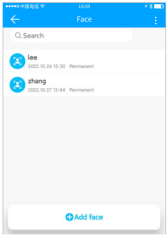
① Adding a Fingerprint: On the lock, input *80# -> Enter the administrator password#, then swipe the card to add the fingerprint.

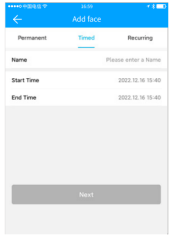
② Deleting Fingerprint: On the lock, input *70# followed by the administrator password# to delete all fingerprints.

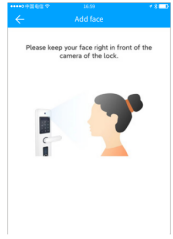
Note: Fingerprints added directly on the lock can be managed after uploading the data through the app. After successfully adding a fingerprint directly on the lock, you can continue to add other fingerprints, or exit the add mode by pressing the * key or waiting for the timeout.

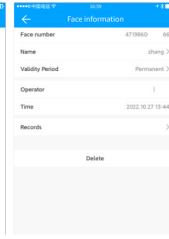
Face：

Selete validity period type and enter the name, then place your face in front the lock to be addedAll faces of this lock will be listed here. Click "Reset" at the top right delete all of them. Click "Sensitivity" to set the sensitivity of the camera on the lock.In the face's detail page, you can view, change, and delete it.





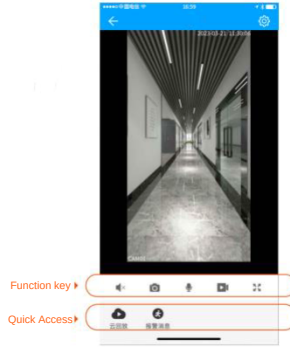




Cat eyes

The peephole and video intercom functions are unique features of video intercom door locks, supporting the following capabilities:

- Volume: Turn the volume on or off;
- Snapshot: Supports one-click photo capture, and you can view the images in the system gallery;
- Microphone: After turning on, supports two-way voice intercom;
- Video Recording: Click to start recording, click again to stop, and you can view the recordings in the system gallery;
- Full Screen: Click to view the surveillance footage in full screen;
- Cloud Playback: Click to enter the [Cloud Playback] page, where you can view detected videos played in chronological order, with support for screenshots, video recording, pause, and full-screen playback. Click on 'Today's Events', select the date you want to check, and blue dates indicate that there are detected videos for that day. *The cloud playback video feature requires the purchase of cloud storage to be used; without cloud storage service, only images are uploaded.



Alarm Information: Tap to enter the [Alarm Messages] page to view the alarm messages of the day, support for selecting dates, and video playback. Click the 'Clear' button in the top right corner to clear alarm messages for a specific day.

Visitor Calls: When a visitor presses the doorbell, the homeowner will receive an incoming call within the App. After answering, both parties can communicate, and remote lock opening is supported. When a call comes in, it will be made to those with peephole permissions, but only one person is supported to answer.

Settings:Click the icon in the top right corner to enter the [Settings] page, where you can adjust the intercom volume, turn on/off mobile detection, adjust sensitivity, and purchase cloud storage services.

Other Settings:

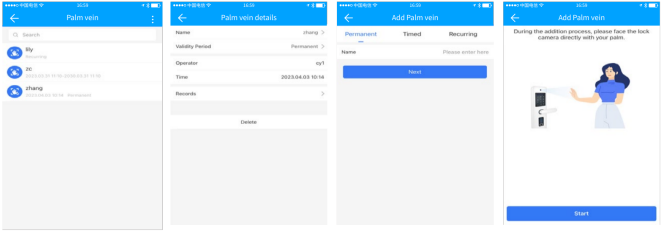
- Configure Wi-Fi: If you wish to switch networks, tap on 'Settings' on the lock page, locate 'Wi-Fi' - 'WiFi Name', and you can reconfigure your Wi-Fi settings.

- Power Saving Mode: If you want to activate the power saving mode, tap on 'Settings' on the lock page, find 'Wi-Fi' - 'Power Saving Mode', and turn it on. With power saving mode enabled, the mobile detection feature remains active, but real-time monitoring and remote lock opening are not supported.

- Peephole Permissions: When sending an authorization/regular key, select to open 'Peephole Permissions', or you can also enable this permission in the 'Key Details' of keys that have already been sent. Once enabled, the recipient's lock page will also have a 'Peephole' entry, allowing them to view and set up the peephole.

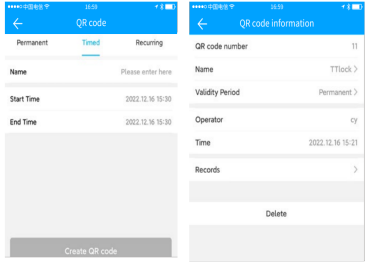
-Palm Vein Recognition

You can see the palm vein that has been added here. There are "Reset" and "Sensitivity" in the menu. Click "Reset" to delete all palm vein data; click "Sensitivity" to adjust the camera's recognition sensitivity.You can enter the palm vein details page from the list to view, modify, and delete.Select the type, enter the name, follow the prompts to align your palm with the lock's camera, and record the palm vein.



WeChat QR Code

To access the door lock, go to Settings - Basic Information - Display QR Code to obtain the QR code for the current lock. You can share this QR code with others or print it and attach it next to the lock. Users who have electronic key permissions for this lock can scan this QR code with WeChat without the need to log in; they simply need to authorize through WeChat to unlock the door.



Remote Control Unlocking

When using a door lock with a remote key function, you can add a remote key to unlock the door without using a smartphone. The administrator can manage the remote keys they have issued, including deleting remote keys, modifying the validity period of remote keys, and viewing the operation records of remote keys.

Gateway Configuration

Before using the gateway, it must be added through the App. The steps are as follows:

① Call up the menu interface from the top left corner of the interface;
② Select the gateway and click the “+” sign in the top right corner;
③ Choose the corresponding gateway model and add it according to the prompts;
④ After successful addition, it will automatically search and connect to nearby locks.

Note: If it fails to bind successfully within the timeout, please try again after powering off.
*Effective range of the gateway: 10 meters without obstructions.

Additional Features

(1) Records

Select the door lock in the App and click on the operation record to view it.
Note: Without a gateway, the unlocking records for fingerprints/IC cards/passwords can only be viewed after unlocking with the App.On the App, click on a specific fingerprint/IC card/password, then click on the operation record to view all records for that fingerprint/IC card/password.

(2) Virtual Password

You can add additional numbers before and after the correct password when entering it on the lock. The total length of the virtual password should be 16 digits.

(3) Low Battery Alert

When the battery voltage drops below 4.8V (below 7V for lithium batteries), touching the panel will trigger a voice prompt saying "Low battery, please replace the batteries," and the screen backlight will flash rapidly for 1 second.
Before unlocking with fingerprint/IC card/password, a voice prompt will say "Low battery, please replace the batteries," and then the lock will unlock.

(4) Sound Settings

The door lock's sound can be turned off or the volume can be adjusted in the App. When the lock sound is turned off, the screen will flash to indicate that a button has been pressed.

(5) Anti-tamper Alarm Settings

The door lock's anti-tamper alarm can be activated or deactivated in the App. When activated, the lock will emit an alarm sound if it is tampered with.

(6) Constant Open Mode

1. Scheduled Constant Open: The door lock can be set to constant open mode in the App. When enabled, within the set constant open time frame, the door lock will remain open after being unlocked and can be manually locked.

Temporary Constant Open: After unlocking (before locking), immediately enter 123# on the lock. The lock will prompt: "Lock is now in constant open mode." After re-unlocking, the lock will return to the locked state.

(7) Electronic Anti-lock (Optional)
When the electronic anti-lock feature is enabled in the APP, and the indoor anti-lock switch is pushed up, the electronic anti-lock function is activated, and the door lock will announce "Door is locked." At this time, only the administrator password, key, or administrator APP can unlock the door; other users cannot unlock it. Pressing down on the indoor handle will release the anti-lock.

When the electronic anti-lock feature is disabled in the APP, the indoor anti-lock switch becomes ineffective.

(8) Firmware Upgrade (Note: Must be operated near the lock)
The lock can be upgraded with new firmware through the app. Click on Settings -> Lock Upgrade in the App to upgrade the lock's firmware.

(9) Voice Switching (Default Chinese and English, multiple languages are optional)
Chinese voice: Enter "*39#administrator password#1#" on the lock.
English voice: Enter "*39#administrator password#2#" on the lock.
Note: The administrator password defaults to 123456 when no administrator has been set.

(10) *Key Function Description:
During the password input process, pressing the * key once will delete the last entered password digit. If all digits are deleted and you are in the add mode, you can exit this mode. After all entered digits are deleted, pressing the * key three times will turn off the screen.

The lock management system address :https://lock.sciener.com

For more APP settings, you can learn from the APP customer service menu or consult online.