



K70 SE **User Manual**

www.kaadasgroup.com

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All design and specifications are subject to change without notice.

Dear customers,

Thank you for choosing our smart lock.

Please check the package content and read the installation instruction carefully before you install this lock, and then install the product according to the instruction.

Our company will not assume any responsibility for direct or indirect product problems, other damages and losses if you don't follow the instruction to install.

Content

1 Important Information

- Safety instruction
- Warning
- Disposal of used battery and lock

2 Installing your smart lock

- Package contents
- Lock explosive view
- Before the installation
- Latch direction change
- Installation steps

3 Overview

- Front panel
- Back panel

4 Setting your smart lock

- WiFi Pairing
- Adding user and user credential
- Add through APP
- Add in local management mode
- Prior to setting up

5 Using your smart lock

- Outdoor unlocking(Common Mode)
- Unlock by mechanical key
- Indoor unlocking and locking
- Volume adjustment
- Defense mode
- Emergency knob
- Doorbell function
- Inside display screen

6 Other functions

- Restore to factory settings
- System reboot
- Emergency power supply
- Replace battery

1 Important Information

Safety instruction

- ◆ Read and understand all instructions before using this smart lock. Damages caused by failure to follow instructions is not covered by the warranty.
- ◆ It is recommended to use the enclosures/accessories specified by the company.
- ◆ Only use the lithium battery configured in this product.
- ◆ Do not forcibly disassemble this product in order to avoid alarm sound or damage to the product.
- ◆ Do not scratch the fingerprint reader with sharp objects, otherwise it may cause permanent long term damage.
- ◆ Do not expose the product to corrosive substances, so as not to damage the outer protective layer.
- ◆ Do not hang objects on the handle, so as not to affect the normal use of the door lock.
- ◆ Cleaning the product, please wipe it with a soft cloth.
- ◆ Do not disassemble the battery while the device is operating.
- ◆ Please choose a professional engineer to install the door lock and follow the company's standard installation instruction , and do not install it by yourself .
- ◆ After the door lock is installed , please modify the default master PIN code immediately and keep the mechanical key in a safe place. Don't disclosure PIN code to the unknown person.
- ◆ When low battery alarm is triggered, please replace all the batteries.

Warning

- ◆ Do not place battery closing to fire in case of explosion.
- ◆ Do not short-circuit the two poles of the battery lead with metal objects to avoid explosion.
- ◆ Do not let it happened connection of two terminals of battery lead shorted with metal objects in case of explosion.
- ◆ Making sure replacement or maintenance are done by professional person authorized by Kaadas .
- ◆ Your warranty may invalidate if you used accessories produced by other manufacturer or not recommended by Kaadas.

Disposal of used battery and lock

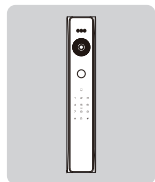
- ◆ Please understand the local electronic product classification and collection system.
- ◆ Please follow the local regulations and do not discard used batteries into ordinary household garbage.
- ◆ Properly disposing of used products helps to avoid potential negative impacts on the environment and human health.
- ◆ The battery can not be disposed of with ordinary household garbage.

2 Installing your smart lock

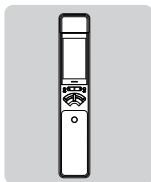
Package contents

This package list is for reference only, and all contents are subject to the actual packaging contents.

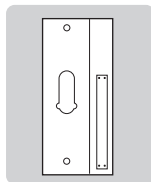
This package list is for reference only, and all items are subject to the actual packaging.



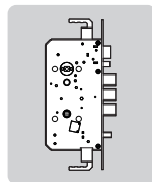
Front panel
(with rubber
gasket)



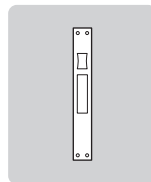
Back panel
(with rubber
gasket)



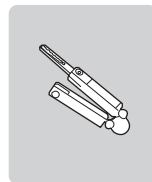
Template



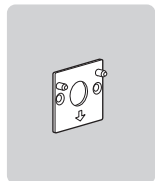
Mortise



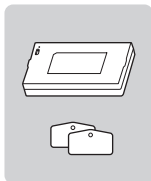
Strike



Mechanical key



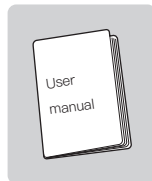
Mounting plate



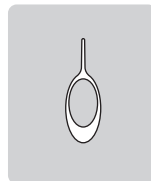
Lithium battery
& user card



Screw pack



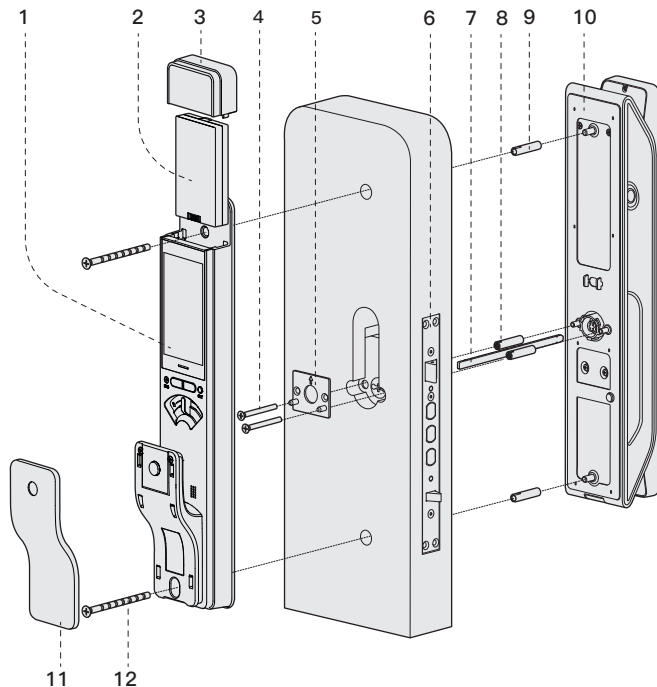
User manual



Pin

Lock explosive view

This lock explosive view is helpful to learn lock's structure.

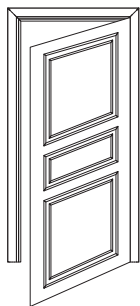


- 1.Back panel
- 2.Lithium battery
- 3.Battery cover
- 4.M5 screw(2pcs)
- 5.Mounting plate
- 6.Mortise
- 7.Torque blade
- 8.M5 connecting screw tube(2pcs)
9. M6 connecting screw tube(2pcs)
- 10.Front panel
- 11.Rear panel lower cover
12. M6 screw (2pcs)

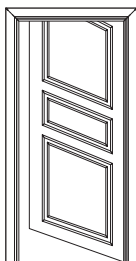
Before the installation

Check door opening direction prior to installation.

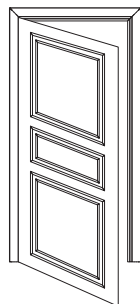
Right-out



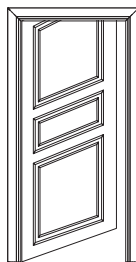
Right-in



Left-out

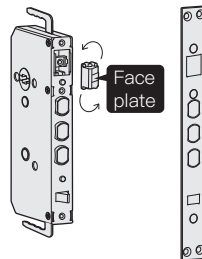
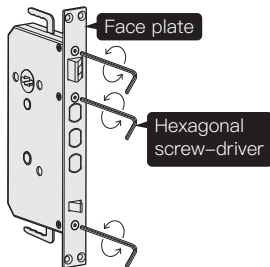


Left-in

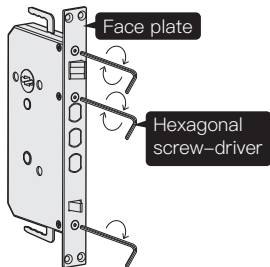


Latch direction change

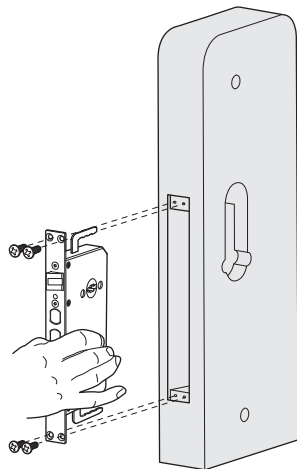
1. Unscrew screws on the face plate of mortise with hexagonal screw-driver and remove face plate.
2. Take out latch bolt, turn it 180° to change latch direction and put it back.



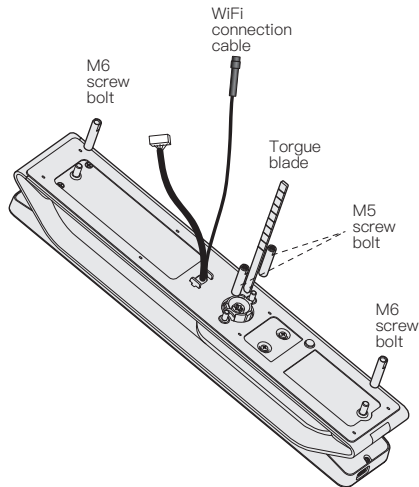
3. Install face plate and secure screws with hex wrench to finish changing latch direction.



Installation steps

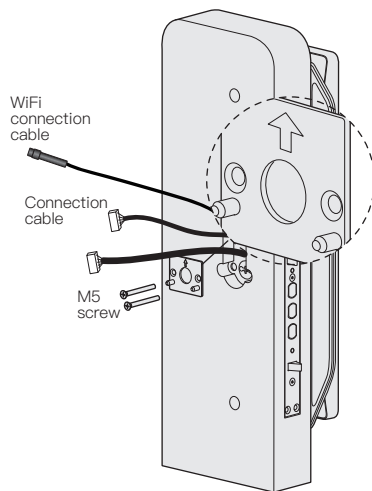


Drilling holes on the door prior to installing lock, then install mortise in door and secure mortise with supplied screws.



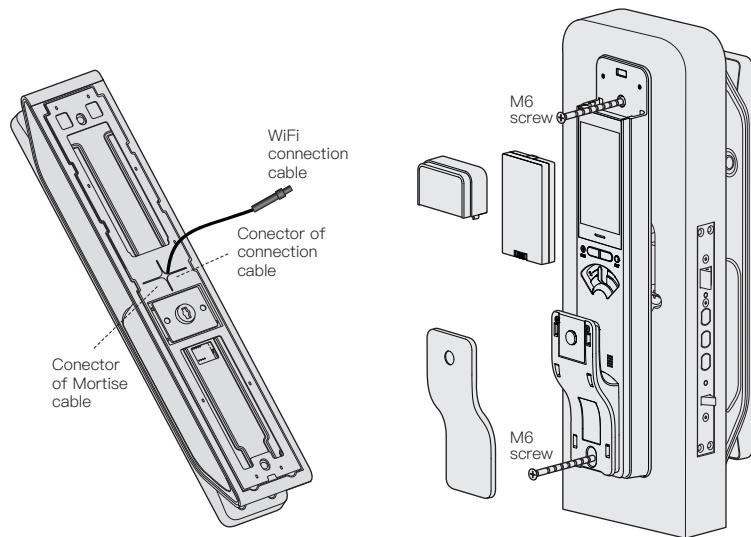
NOTE: Cut proper length torque blade according to door thickness.

Install connecting screw bolt on the front panel and put torque blade in the square shaft hole.



NOTE: Cut proper length M5 screw according to door thickness.

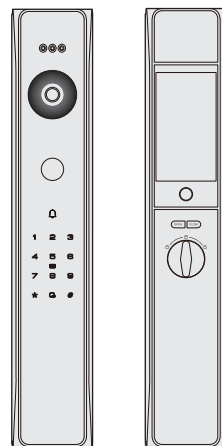
Send connection cables through the hole on the door and insert torque blade of the front panel through the rotating hole on the mortise, then fix front panel with mounting plate.



Insert connection cable and mortise connection cable into corresponding interface on the back panel, fasten tightly front and back WiFi connection cables.

NOTE: Cut proper length of M6 screw according to door thickness.

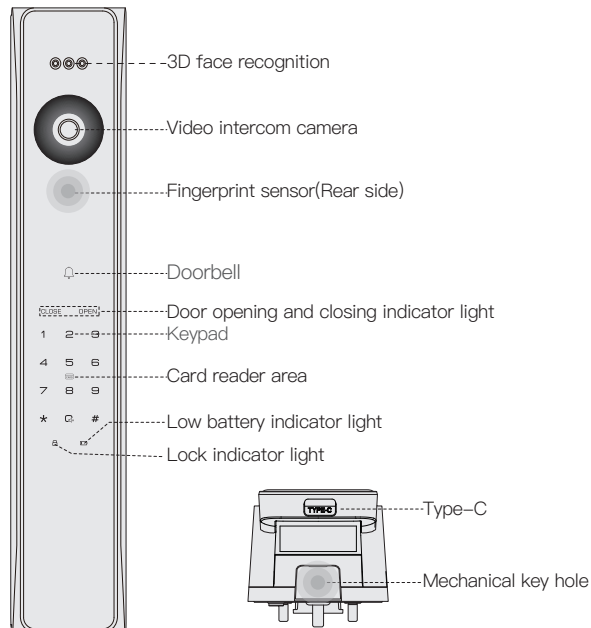
Put the surplus connection cables into the hole on the door and insert torque blade into emergency knob of back panel, then secure back panel with screws and load batteries and install battery cover.



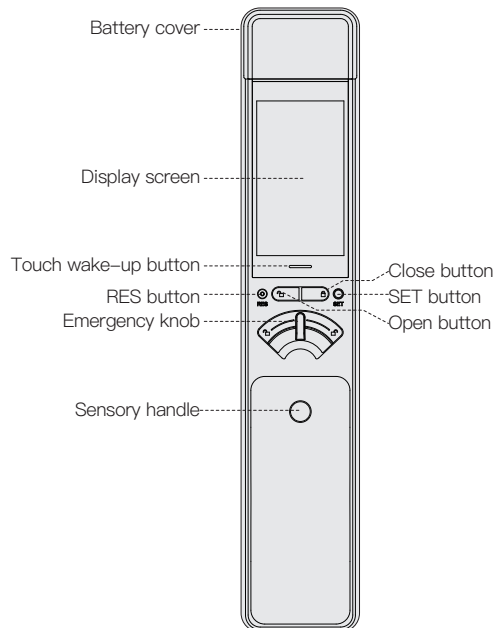
Check front panel and back panel after installation and if every parts is connected well.

3 Get to know your smart lock

Front panel



Back panel



4 Setting your smart lock

WiFi Pairing

Please scan QR code or search "Kaadas Smart" in app store to download and install APP. Please complete registration if use this APP first time. Open APP home page after sign in successfully, click "+" at right corner, select "scan code to add", then scan the QR code on the back of the battery cover to add the device.



Please scan the QR Code to configure the network which on the left, then according to the prompts in the app to operate next.

NOTE:

Please ensure latest app version if you already download Kaadas Smart APP on your phone. If QR code on the battery cover can't be scanned, please select "manual add", then enter the device model.

1. This lock only support 2.4Ghz WiFi frequency and doesn't support 5Ghz frequency. If WiFi pairing failed, please check router setting.
2. Make sure distance between router and lock not exceed 10m, otherwise weak signal may affect connection effect.
3. Please keep WiFi network connection smooth, otherwise it may affect some lock function.
4. Please make sure lock power supply is normal.

Adding user and user credential

When the door lock is in the initial state, press the SET button once and according the voice guide to enter a 6~12 digit management password into the door lock. But the other keys:fingerprint、PIN code、card、face ,you can add/delete them follow the app guidelines by Kaadas Smart APP and lock voice prompts after you connected the network. Additions can also be performed in the local Menu.

1.Add through APP

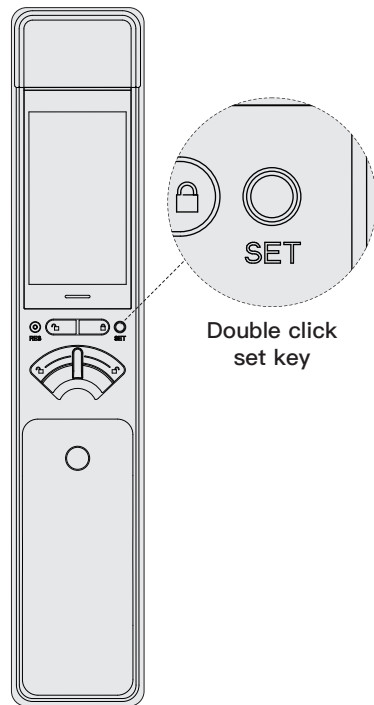
Open the APP and add as prompted by the APP.

2.Add in local management mode.

After adding the management user,double click the "SET" key on the back panel,then verifying the management key,enter the local management mode:according to voice prompts add user keys,etc.

NOTE:

- 1.After verifying the management password and entering the management mode, if there is no operation for a period of time, it will automatically exit; to enter again, repeat the above operations.
- 2.The local management mode is only used for emergency key addition.For more functional settings, please turn on Bluetooth and operate in the APP for greater convenience.
- 3.The number of different types of keys (such as fingerprints/passwords, etc.) that can be added under each user varies and has an upper limit,after a single user reaches the maximum limit, a new user can be created to continue adding keys.



Local Management Mode · Menu

User Settings

Add regular users

In master mode:

1 **1**

Press 1 to enter user setting, then press 1 to add a PIN code.

1 **3**

Press 1 to enter user setting, then press 3 to add a card.

1 **4**

Press 1 to enter user setting, then press 4 to add a face ID.

1 **6**

Press 1 to enter user setting, then press 6 to add a fingerprint.

Add (modify) the master user

In master mode:

2 **1**

Press 2 to enter to modify the master pin code, and then press 1 to enter modify master PIN code.

2 **3**

Press 2 to enter to modify the master pin code, and then press 3 to enter add or modify master fingerprint.

Delete users

In master mode:

3 **1**

Press 3 to enter delete regular user, and then press 1 to delete a specified user.

3 **2**

Press 3 to enter delete regular user, and then press 2 to delete a specified user.

Installation settings

In master mode:

4 1

Press 4 to enter installation settings, and then press 1 to enter the door opening direction settings.

4 2

Press 2 to enter modify the master pin code, and then press 3 to enter add or modify master fingerprint.

4 3

Press 4 to enter installation settings, and then press 3 to enter the main latch bolt rebound time setting.

4 4

Press 4 to enter installation settings, and then press 4 to enter the latch tongue rebound time setting.

4 5

Press 4 to enter installation settings, and then press 5 to enter turn on or turn off automatic locking setting.

Note: Retraction time of the main deadbolt and the latch bolt settings are only used for mechanical lock body. Please subject to the actual menu.

Prior to setting up

This lock system can enable/disable dual-verification. When dual-verification is enabled, it is required to verify two type of credentials at the same time to unlock, while it only needs to verify one type of credential to unlock when dual-verification is disabled.

Dual-verification enabled : dual verification (face-recognition+PIN code, face-recognition+fingerprint, face-recognition+card, PIN code+fingerprint, PIN code+ card, fingerprint+card.)

Dual-verification disabled: single credential verification (face-recognition, PIN code, card or fingerprint).

Credential	Dual-verification enabled	Dual-verification disabled
Master PIN code, fingerprint	Support	Support
PIN code, fingerprint,face recognition, card	Support	Support
Recurring and duration PIN code	Support	Support
One-time PIN code	Not Support	Not Support
Duress PIN code or fingerprint	Support	Support



User PIN code(master, duress PIN code), user fingerprint(master, duress fingerprint), card, face-recognition, Any two or more unlocking credentials can open.

5 Using your smart lock

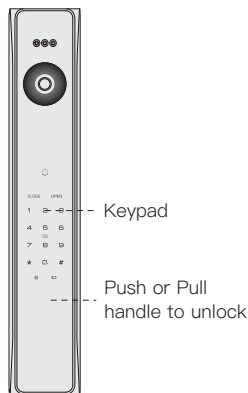
Outdoor unlocking(Common Mode)

Face recognition



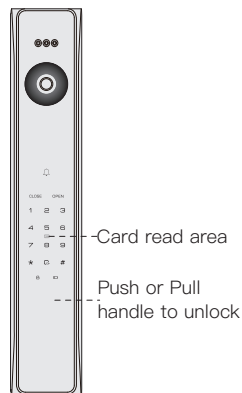
When the user approaches the door lock, the camera automatically starts face recognition, and the recognition is confirmed successfully; Voice prompt "Door opened". prompt push or pull the handle to open the door.

PIN code



Touch the pad screen by palm to lighten keypad; then entering the registered PIN code ending with [#]. After voice prompt "door opened", push or pull handle to open the door.

Card



Place the registered card properly on the Card reader area. After voice prompt "door opened", push or pull handle to open the door.

Fingerprint

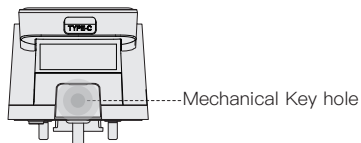


Place the registered finger properly on the fingerprint sensor area. After voice prompt "door opened" push or pull handle to open the door.

 In normal mode(dual-verification is disabled),continuously entering wrong face-recognition,PIN code,Fingerprint or Card 5 times in a short period of time will make this lock in lockdown mode for 100 seconds.

Unlock by mechanical key

You can unlock by mechanical key if you forget pin code, the battery run out or system error occurs.



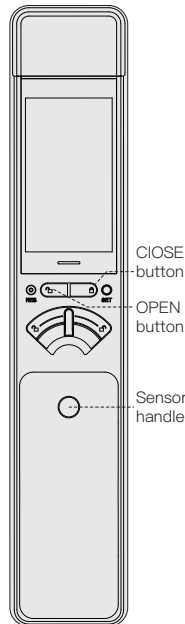
Insert the mechanical key and then rotate 180° to unlock.



If your door is right opening direction, please turn the key clockwise.

If your door is left opening direction, please turn the key counter clockwise.

Indoor unlocking and locking



1.Close button

Click CLOSE button once to lock the lock. Long press Close button for 3 seconds to enable privacy mode. In privacy mode, lock can be opened only from inside or by master PIN code from outside.

2.OPEN button

Click the open button once to unlock.

3、Sensor hand

To unlock the door, extend your palm behind the sensor handle while placing your thumb on the circular touch area on the front of the handle. In non-mute mode, there will be a sound effect prompt of "door opened" and the sound of the latch retracting.

When sensor handle function is disabled, please use OPEN button to unlock.

Volume adjustment



When system is in voice mode, you can long press  to enable mute mode after keypad is waked up.

When system is in mute mode, you can long press  to enable voice mode after keypad is waked up.

Mute button

Defense mode



1.Enable

After closing door, press the defense mode button to enable defense mode.

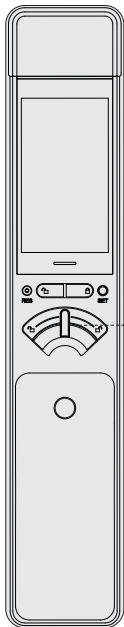
voice prompt: defense mode enabled.
In defense mode, if someone unlocked from inside , the alarm will be triggered.

2. Disable:

Defense mode will be disabled once it is unlocked from outside.

Defense mode button

Emergency knob



When the system functions abnormally and can't work properly, you can unlock the door by rotating the knob to the position of the unlocking icon.

-----Emergency knob

Doorbell function

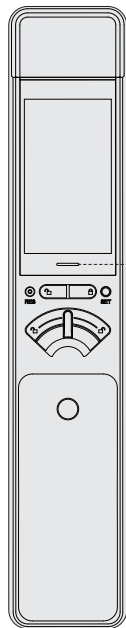


When someone pressed the doorbell button, the doorbell sounds and video intercom camera will shoot a video to send to paired APP and send a notice. you can press the notice to see real-time situation of outside of door.

Note:

The video function require it connect to the server and APP first(You can refer to the previous network configuration settings).

Inside display screen



Wake
up key

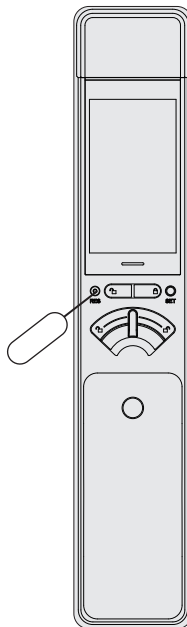
1. Click the wake-up button to turn the display on or off. After turning on the screen, you can view the real-time dynamics outside the door, use remote calling, and conduct the intercom outside the door on the screen.

2. Display lightup time 5/10/15 seconds (default 10 seconds), brightness (high, medium and low, default high), user can set it in the mobile app.

3. Display is on by default when you press the doorbell, you can turn on or turn off it in the mobile app.

6 Other functions

Restore to factory settings



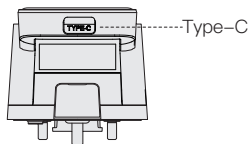
If you forget master PIN code, you can double press reset button on the back panel by a pin tool, then press “#” key on the keypad within 15 seconds according to the voice guide to confirm restoring to factory settings.

Note:

After restoring to factory settings, the lock can't be locked normally and any fingerprint can be used to unlock. It is required to pair lock to add credential as soon as possible.

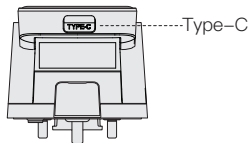
System Reboot

If you need to reboot the system, you can use a 5V power bank as an emergency power source. Connect the power bank to the door lock via the Type-C interface to supply power, and the system will restart.



Emergency power supply

When the battery voltage is too low to open the lock from outside, you can use 5V power bank to charge the door lock via Type-C port. After the door is unlocked, please replace all batteries immediately.



Replace battery

Hold both sides of the battery cover, pull it out upwards, and install the lithium battery. When installing the battery, make sure the power supply interface of the battery faces outward. (As shown in the figure)



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