

Retrofit Motorised Smart Lock

User Manual



Before installing the smart lock, please read this manual carefully and keep it in a safe place, for future reference.

Accessories



Lock Device

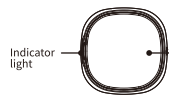


Lock cylinder Adapters



Hex key

Product Overview



Indicator light



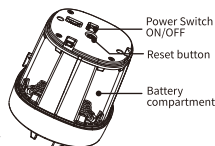
Open/close lock button



Cover disassembly button



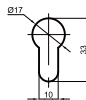
Lock cylinder retainer clip



Power Switch ON/OFF

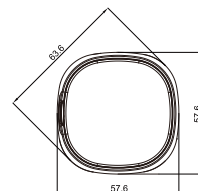
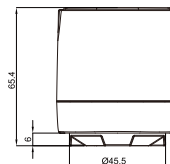
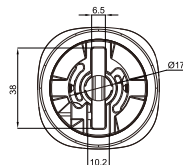
Reset button

Battery compartment

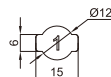


Applicable lock cylinder housing dimension

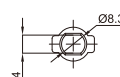
Product Size



Size of Lock cylinder Adapters



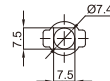
Size of Lock cylinder Adapters



Number 1
DORMA, KABA



Number 2
YALE, M&C
Number 3
CISA, ABUS
BRICARD,
AXA



Number 4
KESO



Number 5
MAUER

Specifications

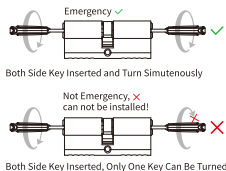
Bluetooth	Bluetooth 5.0BLE
Supported mobile phone systems	Android 4.3/iOS 7.0 or above
Power supply method	Three CR123 batteries are connected in series for power supply
Low voltage alarm voltage	7.5V
Voltage range	4.5~9V
Standby current	99mA
Working current	Less than 200mA
Working temperature range	-20~70°C
Unlocking method	APP and Remote control

Preparation before installation

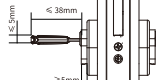
! Before installing the lock body, confirm the type of lock cylinder and perform the following operations based on the type of lock cylinder:

A. Double Sided Key Emergency Lock Cylinder

▲ Judge Your Lock Cylinder Is Emergency (Double Clutch) Or Not

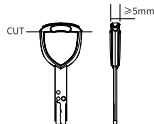


After the lock cylinder is installed, the thickness of the indoor key handle should be $\leq 38\text{mm}$, and the length of the key handle from the lock cylinder surface should be $\leq 38\text{mm}$.



After installing the lock cylinder, the surface of the lock cylinder should be higher than the facade or decorative cover by more than 5mm.

Double Sided Key Emergency Lock Cylinder

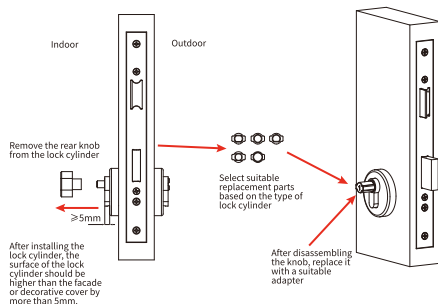


After fully inserting the key into the lock cylinder, cut the key handle according to the size requirements

Preparation before installation

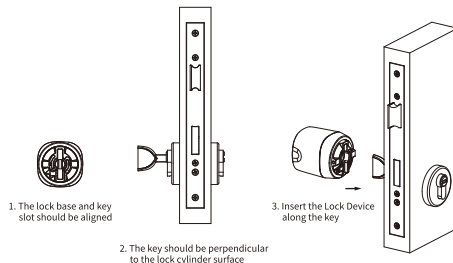
! Before installing the lock body, confirm the type of lock cylinder and perform the following operations based on the type of lock cylinder:

B. Lock Cylinder with Knob



Lock Cylinder with Knob

Installation steps

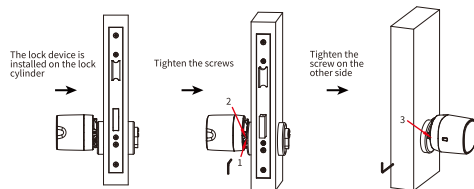


1. The lock base and key slot should be aligned

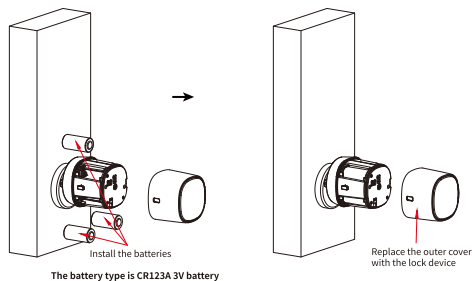
2. The key should be perpendicular to the lock cylinder surface

3. Insert the Lock Device along the key

Installation steps



Install the battery



Door Sensor(optional)

Specifications

Dimensions	41mm x 27 mm x 11.5 mm 41mm x 10 mm x 11.5 mm
Material	ABS plastic
Frequency	2.4GHz
Battery model	CR2032
Voltage	3V
Battery life	2 years (10 times a day)
Stand-by current	<5uA
Induction range	<22mm

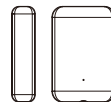
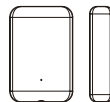
Lights



Status	Lighting
Pairing	Fast flickering
Sensor close/open	Flicker once
Close/open on low power	Flicker 3 times
Reset to default setting	Light up for 1 seconds

Installation

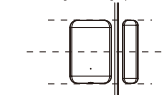
1. Decide the opening direction of the door



2. Tear the cover of the glue on the door sensor



3. Clean the surface on which the door sensor is to be installed, align the sensors and glue them tightly on the door.



Please note that the maximum induction distance of the door sensor is 22mm.

Replace battery

1. Remove the cover.
2. Pull out the used battery and replace with a new one.
3. Reinstall the cover.



Multi-function wireless keypad(optional)



Multi-function wireless keypad also supports "password, IC card, fingerprint" unlock function, a single multi-function wireless keypad can be added by three different smart locks at the same time. The currently operating smart lock can be distinguished by the slot indicator light on the keypad.



Password unlock



IC card unlock



Fingerprint unlock



Supports 3 smart Lock

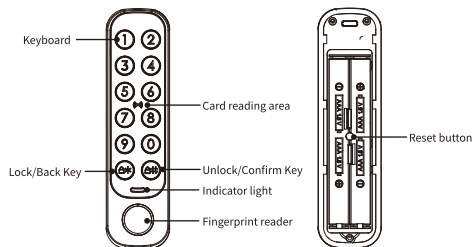
Product Parameter

Dimensions:	L139mm×W42mm×T28mm
Bluetooth Standard:	Bluetooth 5.4 BLE
Supporting systems:	Android 4.3/iOS 7.0 or above
Power supply:	4 AAA
Stand-by current:	≈20 μA
Working voltage:	6V
Working temperature:	-20~50°C
Maximum number of supporting fingerprints:	100
Maximum number of supporting bonding locks:	3

*Multi-function wireless keypad supports the password and the capacity of cards, determined by the smartlock bound to the multi-function wireless keypad.

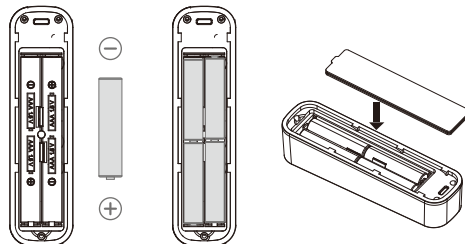
Multi-function wireless keypad(optional)

Product Overview



Battery Installation

Open the multi-function wireless keypad battery compartment cover, you can install the battery according to the positive and negative electrode identification; install the battery cover finally

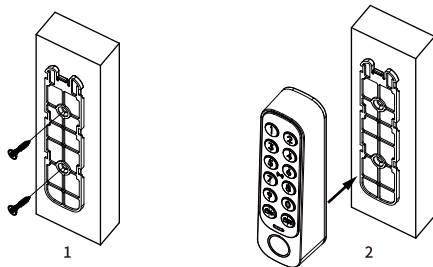


Multi-function wireless keypad(optional)

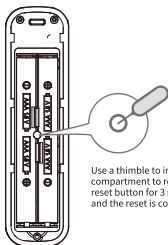
Battery Installation

If the installation surface is smooth and smooth materials such as ceramic tiles, stone materials and wood boards. Mount plate's double-sided tape can be used to paste the mounting plate directly on the installation surface, and then the multi-functional keypad can be installed on the mounting plate with anti-dismantling screw.* If the installation surface is rough, install as follows:

1. Fixed the mounting plate with screws(No need for double-sided tape)and use the expansion tube if necessary;
2. Install the wireless keyboard onto the mounting plate.

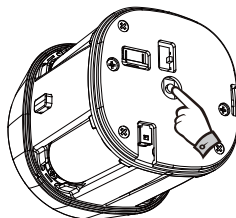


Restore factory settings



Use a thimble to insert into the middle of the battery compartment to reset the keyhole. Long press the reset button for 3 seconds, hear the "beep" twice, and the reset is complete.

Reset settings



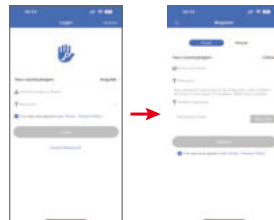
Press and hold the button for 8 seconds to reset the smart lock

TT APP operation

Download and install TT APP. Scan the QR code below.

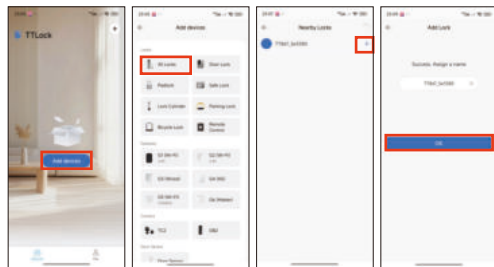


1. App registration and login

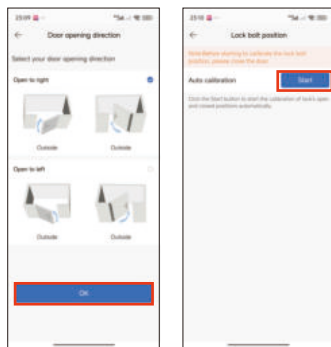


TT APP operation

2. Bind the lock

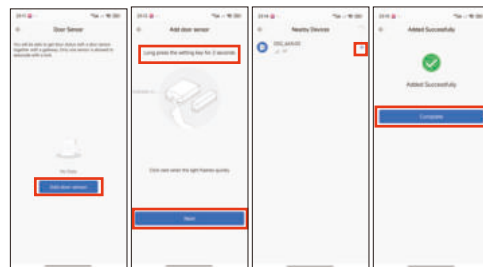
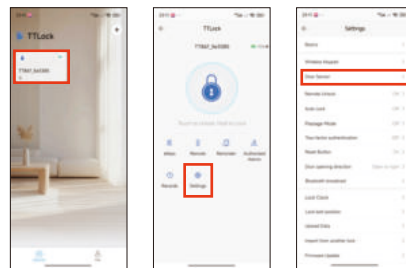


3. Select the opening direction and let the lock device automatically learn how to open and close the door.



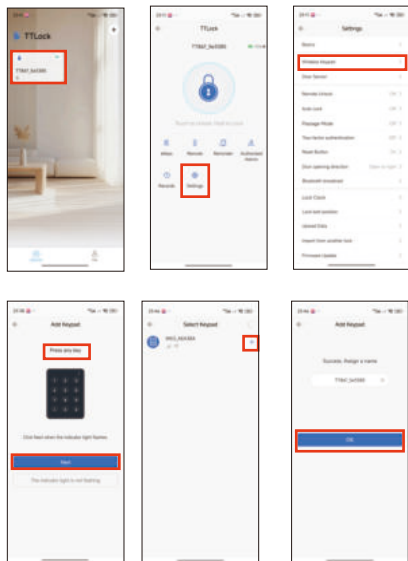
TT APP operation

4. Add door sensor



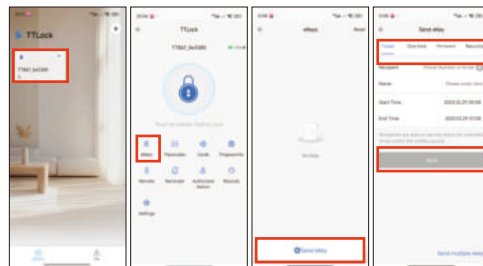
TT APP operation

5. Add Wireless Keypad



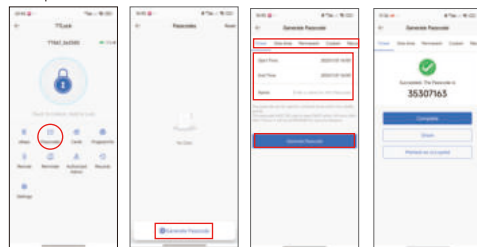
TT APP operation

6. Add eKeys



Note: Total 4 different types of eKey: Timed/ One-time/Permanent/Recurring

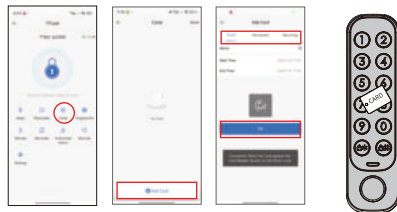
7. Add passcodes



Note: Total 6 different types of passcodes: Timed/ One-time/Permanent/Custom/Recurring/Eraser

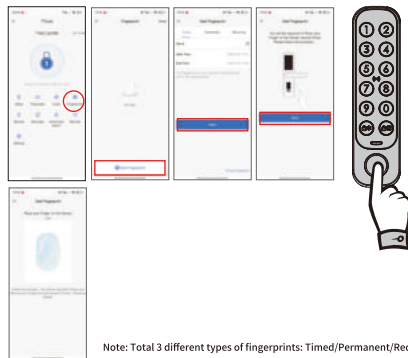
TT APP operation

8. Add cards



Note: Total 3 different types of cards: Timed/Permanent/Recurring

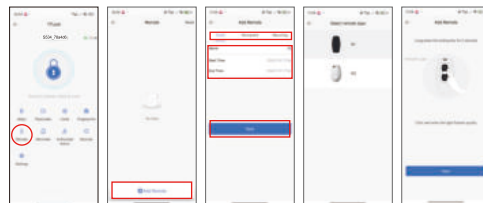
9. Add fingerprints



Note: Total 3 different types of fingerprints: Timed/Permanent/Recurring

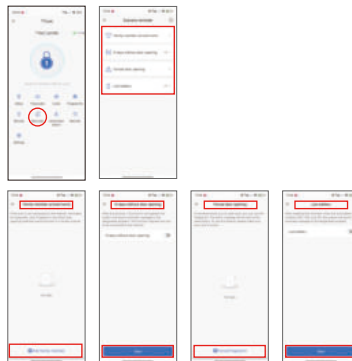
TT APP operation

10. Add remote



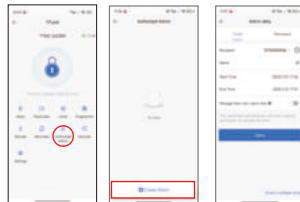
Note: Total 3 different types of remotes: Timed/Permanent/Recurring

11. Add reminder



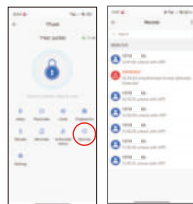
TT APP operation

12. Authorized admin



Note: Total 2 different types of Admin eKey: Timed/Permanent

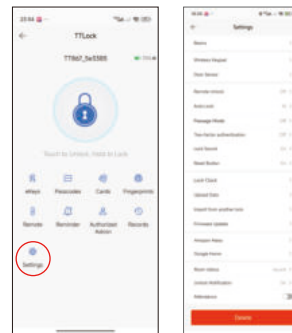
13. Records



View entry times, attempts and methods

TT APP operation

14. Settings



Here, you can make some customized settings, such as adding wireless keyboards, door sensor induction or remove the bound lock, etc.

FCC warning statements:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.