

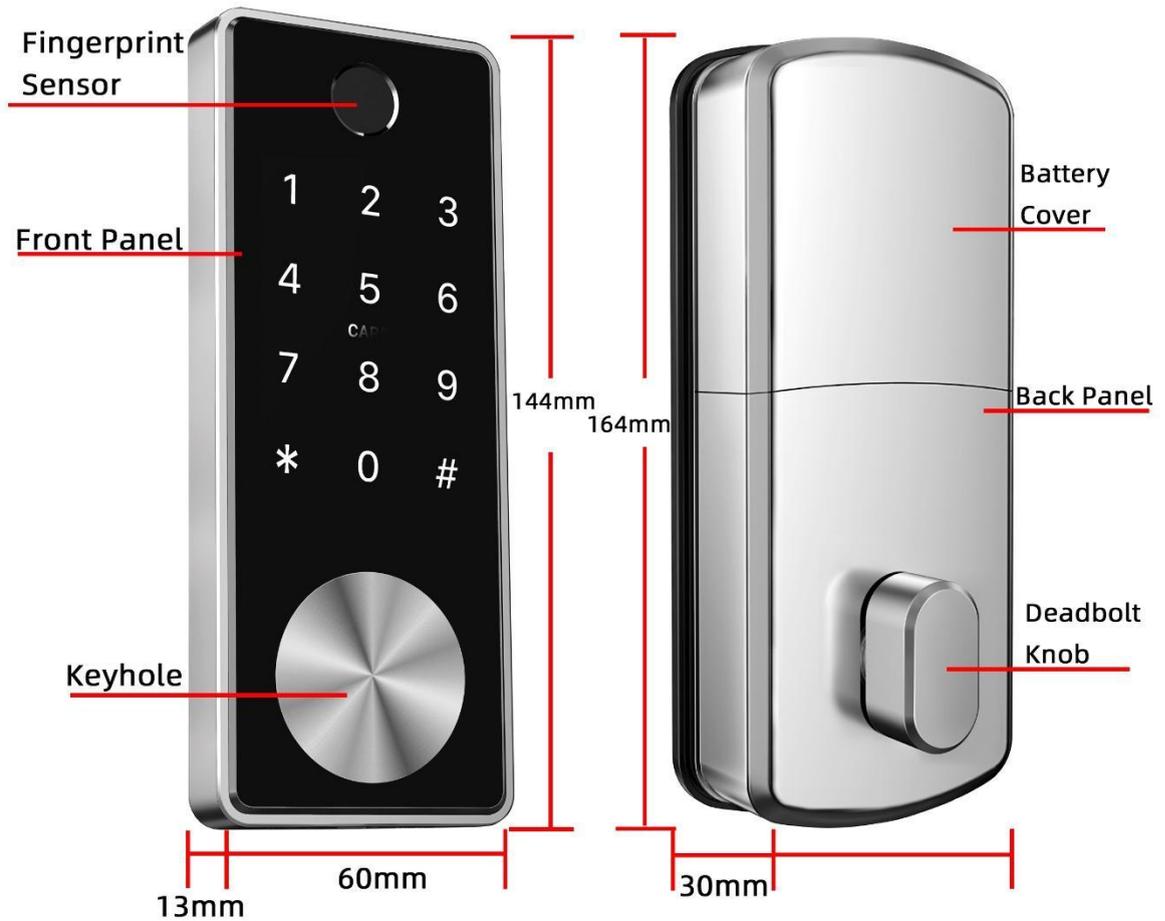
# FOUNDATION SMART LOCK

## USER MANUAL



PLEASE READ THIS MANUAL CAREFULLY BEFORE INSTALLATION. WE ALSO RECOMMEND YOU KEEP IT FOR FUTURE REFERENCE.

## LOCK STRUCTURE



## SPECIFICATIONS

Suitable for Models	Foundation
Materials	Zinc Alloy
Lock Size	144*60mm
Unlocking Ways	Bluetooth Gateway (Optional) Fingerprint Card Password Mechanical Key
Color	Black Silver/Black White
Door Requirements	Wooden Door
Door Thickness Requirements	30-60mm
Battery Life Span	3,000 Times of Locking & Unlocking Cycles
Working Temperature	-25°C -60°C
Working Humidity	20% - 90%
Capacity	Stores 200 Fingerprints
Fingerprint Sensor	Semiconductor Sensor
Fingerprint False Reject Rate	<0.01%
Fingerprint False Accept Rate	<0.00003%
Weight	1.5 KG
Working Voltage	6V/4x AA Batteries
Door Thickness to Fit	35-60mm
Communication mode	Bluetooth 4.0
Support System	Android 4.3 / IOS 7.0 above
Low Wattage Alarm	Less than 4.8V

## WHAT'S IN THE BOX

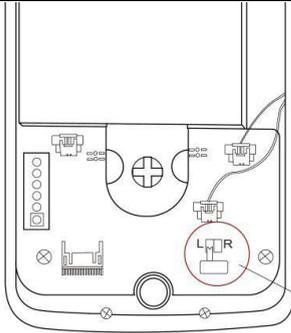
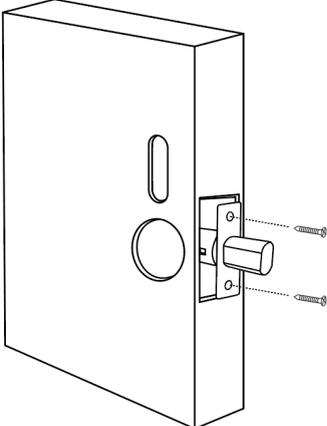
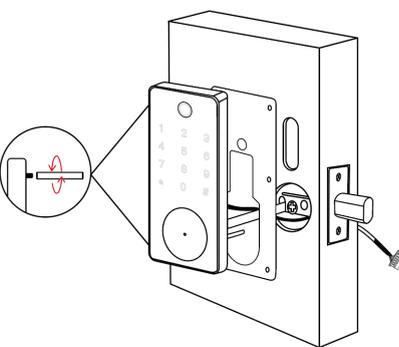
Picture				
Name	Front Panel	Back Panel	User Manual	Mortise
Quantity	1	1	1	1
Picture				
Name	Front Plate	Strike Box	Mortise aluminum Screw	Mortise wood Screw
Quantity	1	1		4
Picture				
Name	Screw Front Panel	Rubber Protection	Your Keys	Token Key
Quantity	3*2	1 pair	3	3
Picture				
Name	50 mm Door screw	30 mm Door screw	M4*12 mm Door screw	Optional
Quantity	3	3	2	1

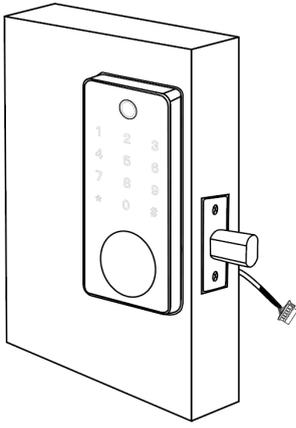
# HOW TO INSTALL YOUR FOUNDATION SMART DOOR LOCK

This side always up when installing.

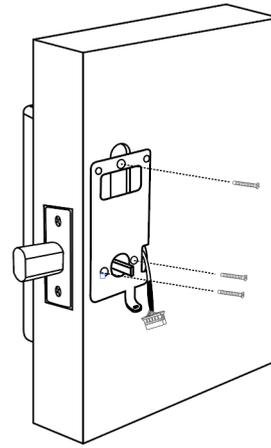
always keep Spindle horizontal



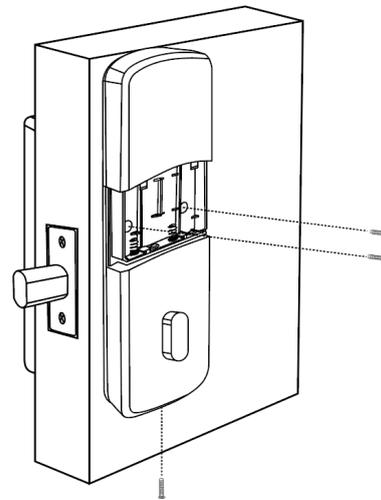
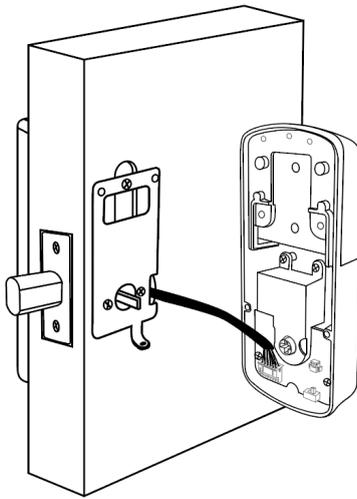
<p><b>CONFIRM BEFORE INSTALLATION</b></p> <p>To install the lock for right-open, ensure the toggle button on the back assembly is set to R or L for left-open.</p>	 <p>Left/Right Open Set Switch</p>
<p><b>1- INSTALL LOCK MECHANISM</b></p>	<p><b>2- INSTALL SCREWS CASING AND RUBBER COVER</b></p>
	 <p>This structure should be installed upright, not flat</p>
<p><b>3- INSTALL FRONT PANEL</b></p>	<p><b>4- SECURE FRONT PANEL</b></p>



5- CONNECT FRONT AND BACK PANEL



6- INSTALL BATTERIES



## HOW TO FIRST START YOUR LOCK

Reset Button

Open the back panel and press the button for 3 seconds and then input 000000#. The reset is done once the buzzer beeps twice.



## HOW TO OPEN KEY COVER

Make sure the notch on the key cover is below. The key cover can be opened by pressing the lower part of the key cover by hand.



## GET READY TO SET UP YOUR TTLCK APP UP AND RUNNING

### SELECTING THE RIGHT APP



For Androids, please scan the left QR code as above, for Apple, please scan the right QR code as above. You can also search for TTLck in your APP store. Once you have downloaded the APP, please follow these steps:

Register a new account (phone number or email) → Press the reset button until the blue light is on → Click "+" for adding lock → The lock nearby will appear on your phone screen → Click "+" → Re-name the lock and you are all set.

**Remember:** You can add users, up to 200 different fingerprints and manage your history records via TTLck.

# HOW TO CONNECT YOU GATEWAY TO YOUR SMART DOOR LOCK

## Light Status



When the gateway is powered on:

- Light flashes alternately in red and blue: Stand-by mode, ready for pairing
- Blue light: Working mode
- Red light: Network failure

### Pair the Gateway with APP

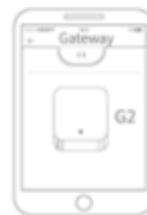
1. Activate the APP



2. Press "☰"



4. Select [G2]



5. Plug in the gateway and power it on, while the light flashes alternately in red and blue



3. Select [Gateway]



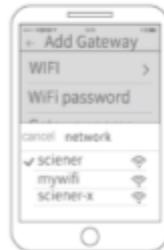
6. Press "+" sign



7. Add Gateway



8. Select the network and fill in the password



9. Add complete

▲ Notice: If times out, please power off and try it again.

# HOW TO USE YOUR SMART DOOR LOCK

## UNLOCKING VIA BLUETOOTH

If you are getting close to your door and want to unlock your door via Bluetooth just follow these steps:

Go to your APP → Click on the "  " button to unlock.

**Remember:** Your phone must be within 5 meters from your Smart Door Lock and Bluetooth must be on.

## REMOTELY UNLOCKING

Unlock or lock your door from anywhere, anytime. As long as your home has an internet connection and your phone does too, you can do whatever you want from any distance. Just follow these steps:

Go to your APP → Click on the "  " button to unlock.

**Remember:** Your phone, your Smart Door Lock and the Gateway must be in sync and with internet connection.

## REMOTELY GRANTING ACCESS TO OTHER TTLOCK

You can send an e-Key to others TTLock users and authorize entry. Just follow these steps:

Go to your APP → Click on the send e-key "  Send eKey " button → Enter the recipient's account number → set the time for the unlocking authorization.

**Remember:** The receiver must download the APP and register and your phone, your Smart Door Lock and the Gateway must be in sync and with internet connection.

## FINGERPRINT UNLOCKING

One of the most famous ways to unlock a Smart Door Locks is using your fingerprint, and we get it!

It's easy, fast, but above all, it's secure. To set it up just follow these steps:

Go to your APP → Click on the fingerprints  " Fingerprints " button → Click on these 3 little dots for more settings "  " → Click on add fingerprint → set it up → Click Start → Place your finger on the sensor and follow the instructions for adding your fingerprints → Try it! → Place your fingerprint on the sensor to unlock.

**Remember:** If the operation is successful, the color indicator flashes blue and the buzzer beeps once, If the operation fails, the color indicator flashes red and the buzzer beeps twice.

You can also set other user's fingerprints for limited access by setting specific time parameters.

## TROUBLESHOOTING

### Programming Troubleshooting

1) How to read operation records?	In the Records of the main interface. / Or in Web TLock.
2) What is the purpose of upload fingerprint?	What is uploaded is not the fingerprint itself but just the number of the fingerprint. Because some locks don't need to go through the APP to add fingerprint, they can't be seen in the APP. You need to upload fingerprint before you manage them in the APP.
3) What is the maximum limit of e-Key?	No limit.
4) Why it shows "pending" when we send e-Key to other?	Before the receiver opens the APP to receive, the status shows Pending.
5) Unable to received OTP?	It may be due to a problem with the operator or the SMS server, or it may be due to some of the parameters being incorrect, which prevents it from receiving OTP. Please provide a mobile phone number for inspection.

6) Can be used same user name at same time on different mobile?	No, it can't. But you can authorize the admin to other user.
7) Whether to download unlock records?	Bluetooth: you can download in web Non-Bluetooth: can not download
8) Why can't I unlock it after open the passage mode	You need to perform an unlock verification in any method, than the passage mode will take effect.
9) What is the purpose of Auto Lock	You can set how long to lock after unlocking
10) Why it can not to send e-Key	Check if the account sent to the user is already registered
11) APP can add maximum limit of the locks	Not limit.
12) Is it possible to obtain passcode, add fingerprint and card remotely?	A) Non-custom passcode: can be obtain directly; Custom passcode: can be obtain remotely by adding gateway. B) Fingerprint: do not support remote addition for the time being. C) The remote add card currently only supports Android phones with NFC

## Hardware Troubleshooting

1) After installation, touch sensing keyboard, screen no respond	<p>a) In this case, first check that the positive and negative electrodes of the battery have been installed upside down, whether the battery has enough power</p> <p>b) Remove the back panel and see if it's connected.</p> <p>c) To eliminate the above situation, you need to remove the lock ,check whether the wires of the lock body are squeezed, and the re-wire.</p>
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2) Unable to register fingerprint	<p>Check the fingers for dirt or wear, check the fingerprint head on the lock for dirt and oil stains, etc.</p> <p>Check to see if the fingerprint is working properly(Press to see if there is any responds.</p>
3) Fingerprint verification is successful, but the door cannot be opened.	<p>The fingerprint lock has two important components: one is the fingerprint module and the other is the electronic clutch .If the verification is successful but the door does not open, you can listen carefully when the verification is successful, and if there is any sound of the motor rotating inside the lock. If there is, it is usually caused by the clutch in the handle. If not , it may be because the circuit board to the motor line has burned out. At this time, you can't solve it yourself, or the warranty is processed.</p>
4) What is the reason why the smart lock consumes fast power?	<p>a) Large standby power consumption</p> <p>b) Short circuit</p>
5) Can you adjust the volume?	<p>a) The Bluetooth system can only turn the sound On or Off, and cannot adjust the volume;</p> <p>b) The non-Bluetooth system can adjust the volume.</p>
6) There is no response to pressing the handle on outside the door, and there is unlock normally on inside the door, but the verification is normal, and the motor is normal.	<p>It may be the triangle direction on the clutch was error, please check correction.</p>
7) The keys do not respond, and the lights are off	<p>Most of this happens because the door lock is out of power</p>
8) How many times will the passcode be locked? How long is it locked?	<p>Bluetooth: Enter wrong 5 times and lock for 5 minutes</p> <p>Non-Bluetooth: Enter wrong 5 times, lock for 1 minute</p>
9) How many records can be kept	<p>Bluetooth: 500</p>

in the lock?	Non-Bluetooth: 10000
10)How many locks can a card match at the same time	Not limit
11) Cannot automatically wake lock when unlocking	Change the spring wire