

K18说明书 13x16cm



smart lock

APP Wi-Fi version
Version mode: K18



Tuya smart



Door Lock App

Scan the QR code to download the door lock app



Installation Video

Scan the QR code to watch the installation video.



User Guide Video

Scan the QR code to watch the Setup & User Guide video.



Product introduction

Scan the QR code to watch the product usage introduction

Need Help? Contact Us!

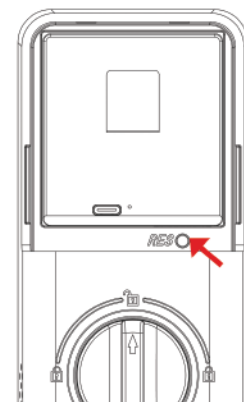
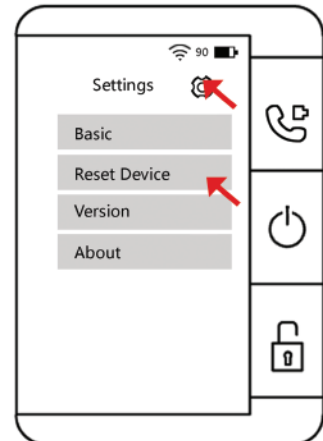
Email at: sl-help@foxmail.com. We are committed to resolving your issues as quickly as possible.

Contents	
Please read this manual carefully before installation and operation!	
	TOOL REQUIRED:  Do not use an electric screwdriver during installation
P3	Terms of Use
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P23	Factory Reset

Factory Reset

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1. Smart lock reset:

- Remove the battery cover on the interior panel.
- Press and hold the **Reset** button for approximately 10 seconds until you hear the voice prompt: "Factory reset successful."
- Release the button. The lock is now restored to its factory settings, and all stored data will be cleared.
- Note: After resetting, the device will be automatically unbound from the App.

2. Partition Monitor Reset:

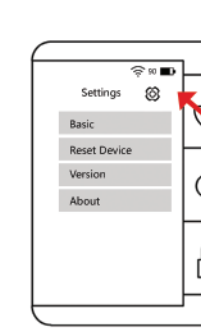
- Tap the Settings icon in the top-right corner of the screen.
- Select "Reset Device" to perform a factory reset.

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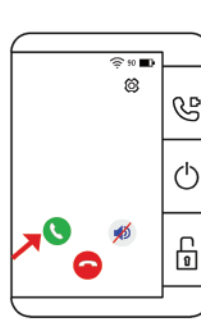
How to Use



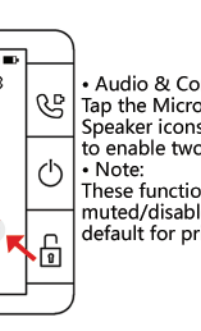
- **Live View:** Press the Video Button to view a real-time feed from outside the door.
- **Power On:** Press the Power Button to start the monitor.
- **Unlocking:** Press and hold the Unlock Button for approximately 3 seconds to open the lock.
- **Note:** The unlock function is only available in real-time video mode.



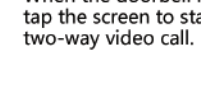
- **System Settings:** Tap the Settings icon (top-right corner) to view device information, adjust functional settings, or perform a factory reset.



- **Doorbell Calls:** When the doorbell rings, tap the screen to start a two-way video call.



- **Audio to Communication:** Tap the Microphone and Speaker icons on the screen to enable two-way audio.
- **Note:** These functions are muted/disabled by default for privacy.



- **Microphone Placement:** The microphone is located at the bottom of the monitor. For better voice clarity and volume, please speak close to the microphone hole during communications.

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Important:

Connectivity & App

This door lock is a smart lock with a built-in Wi-Fi version of a video doorbell, and must be installed in a place with Wi-Fi network coverage to be set up and used with its functions.

- *The Smart Lock and Portable Monitor must be connected to the same 2.4GHz Wi-Fi network.
- * Remote Access: Receive instant notifications on both your smartphone and the portable monitor when someone rings the doorbell.
- * Note: Video quality and call stability depend on your local Wi-Fi signal strength and internet speed.

Battery & Power Management

- * **High-Sensitive Batteries:** The lock comes with two lithium batteries. We recommend charging one while the other is in use to ensure 24/7 protection.
- * **Low Battery Warning:** Approx. a month per charge based on normal usage.
- * **Portable Monitor:** The monitor features a built-in battery for mobile use and can be recharged via a standard USB charger.

Critical Safety Warnings

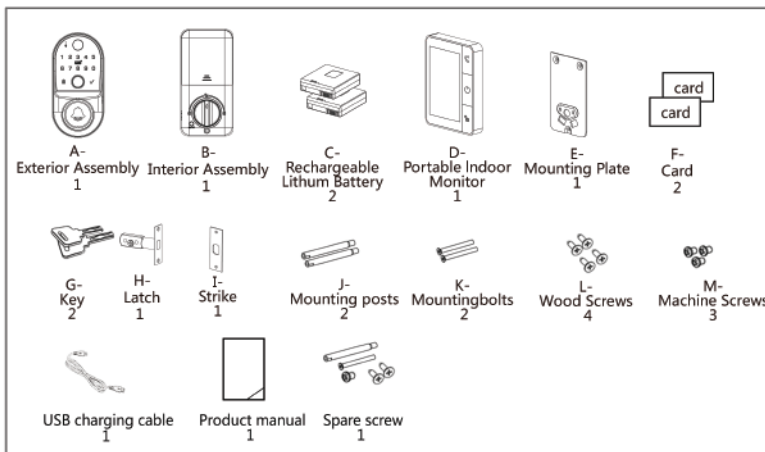
Emergency Access: DO NOT leave your physical keys inside the house. Always keep them in a secure, accessible location (like your car or office) in case of a power outage.

- * **Low Battery Warning:** When you hear the "Low Battery" alert, replace or recharge the battery immediately.
- * **Privacy Compliance:** Please use the video recording feature in accordance with local privacy laws and regulations.

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Product Overview

Check the following accessories after opening the product package



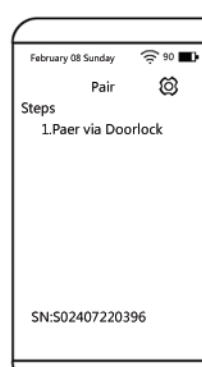
This diagram illustrates the various accessories included with the product, organized into two rows. Each item is represented by a small icon and a corresponding label with a number. The first row includes: Exterior Assembly (1), Interior Assembly (2), Removable Battery (3), Portable Indoor Monitor (4), Mounting Plate (5), and a Callout (6). The second row includes: Key (7), Latch (8), Stylus (9), Mounting post (10), Mounting brackets (11), Wood Screws (12), Matching Screws (13), USB charging cable (14), Product manual (15), and a Spare pin (16).

Exterior Assembly 1	Interior Assembly 2	Removable Battery 3	Portable Indoor Monitor 4	Mounting Plate 5	Callout 6
Key 7	Latch 8	Stylus 9	Mounting post 10	Mounting brackets 11	Wood Screws 12
USB charging cable 14	Product manual 15	Spare pin 16			

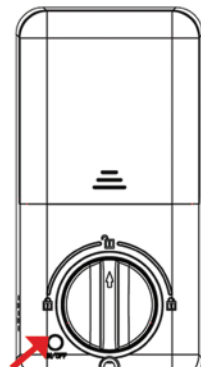
Instructions for use of mobile display

Pairing the Portable Monitor

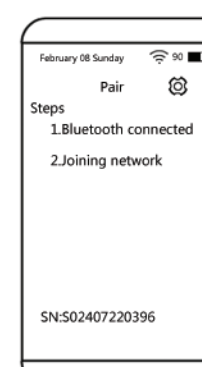
1. Preparation: Ensure the portable monitor is in factory default state and is within the Wi-Fi network coverage of the smart lock.
2. Pairing Process: Press and hold the Quick Unlock button on the interior panel for approximately 5 seconds.
 - The monitor will display "Bluetooth connecting... joining network" (as shown in the image below).
 - The lock will provide a voice prompt: "Wireless pairing in progress."
 - Once these prompts appear, release the button to complete the pairing.



Smart lock screen showing: Bluetooth connecting, Pair, 5.8GHz Wi-Fi, 2.4GHz Wi-Fi, 1. Bluetooth connecting, 2. joining network, 04/05/2022 12:06.



Close-up of the Quick Unlock button on the smart lock interior panel.



Smart lock screen showing: Bluetooth connecting, Pair, 5.8GHz Wi-Fi, 2.4GHz Wi-Fi, 1. Bluetooth connecting, 2. joining network, 04/05/2022 12:06.



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App Functions & Settings

1. Remote Unlocking
Long press the Lock icon to unlock the door remotely.
2. Activity History
Tap "Notification" to view recorded videos and access logs (track who entered and when).
3. Live Video Feed
Tap "Video Monitoring" to view a real-time video stream of your door.
4. Temporary Passcodes
Tap "Temporary Passcodes" to generate a time-limited code for guests or service providers based on your preferred schedule.
5. Smart Automation
Tap "Smart Linkage" to explore advanced automation scenes.
6. Notes
Note: Some features may still be in development. Premium features (subscription-based) are disabled by default; please review and select them based on your needs.
7. Settings Customization
Tap "Settings" and follow the on-screen prompts to customize your experience.
8. Motion Detection: Adjust sensitivity for the camera.
9. Auto Lock: Play the set duration before the door automatically locks.
10. Voice Prompts: Adjust the volume or language of the lock's audio feedback.

Door Lock Installation

1 prepare the door and check dimensions

Measure to confirm that the hole in the door is 2-1/8" (54mm)

Backset:
2-3/8" or 2-3/4"
(60 mm or 70 mm)

Measure to confirm that the backset is either 2-3/8" or 2-3/4" (60 or 70mm)

Door Thickness:
1-1/8" or 1-3/4"
(30mm to 38mm)

Measure to confirm that door thickness is between 1-1/8" and 1-3/4" (35 to 51mm)

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2. Choose faceplate

Is the slotted hole centered in the door hole?

Need Help? Contact Us!

Email us at sl-help@foxmail.com. We are committed to resolving your issues as quickly as possible.

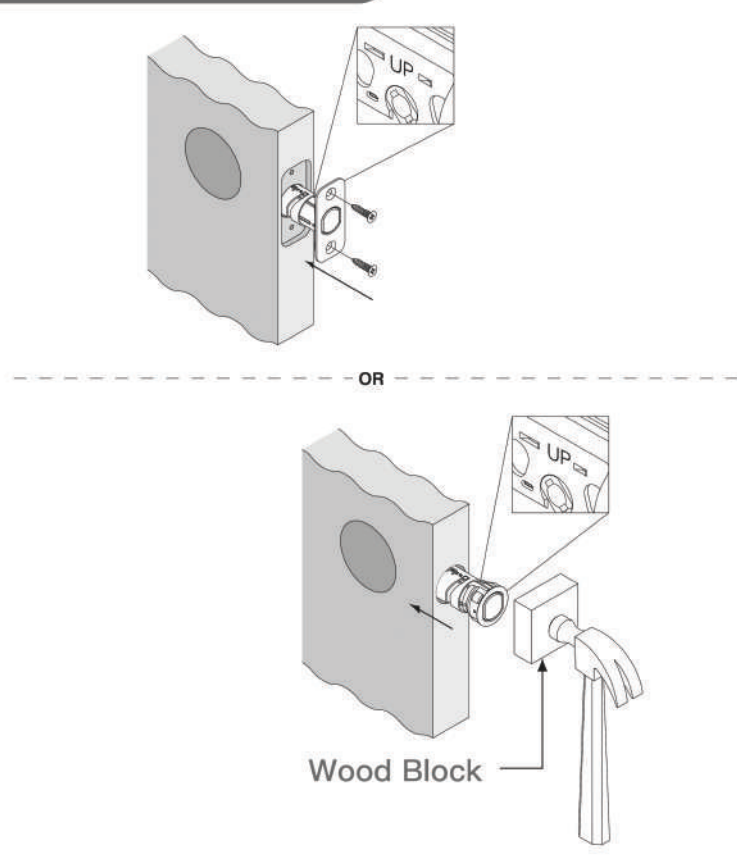
Add unlock command

As shown in the figure: Click "Member Management" Click "Me" Add fingerprint, password or IC card according to the user prompt.

- Fingerprint Enrollment**
To configure a fingerprint, press your finger onto the sensor lift it, and repeat this process 4-5 times until the system prompts "Success".
- Capacity:** The system can store up to 100 unique fingerprints.
- Personalized Naming**
You can assign a specific name to each registered fingerprint. This allows you to receive clear, identifiable notifications regarding who unlocked the door.
- Emergency "Bursts" Fingers**
For your safety, we recommend registering a less frequently used finger as a Special (Bursts) Fingerprint. In the event of an emergency, using this finger will unlock the door will send a silent alert notification to your family members.
- Passcode Settings**
 - Length: Custom passcodes must be between 6 and 10 digits.
 - Generation: You may set your own code or use the system's "Random Code Generator for enhanced security."
- Adding Key Cards**
To register a new access card, simply place the card against the Card Reader Area for instant recognition and pairing.

3. As shown in the figure, click to add the searched door lock, select the Wi-Fi that the door lock needs to be connected to, enter the correct Wi-Fi password, and click Next. Add completion Click to confirm. There is a voice prompt that the operation is successful, that is, the door lock is successfully bound.

3. Install latch and deadbolt

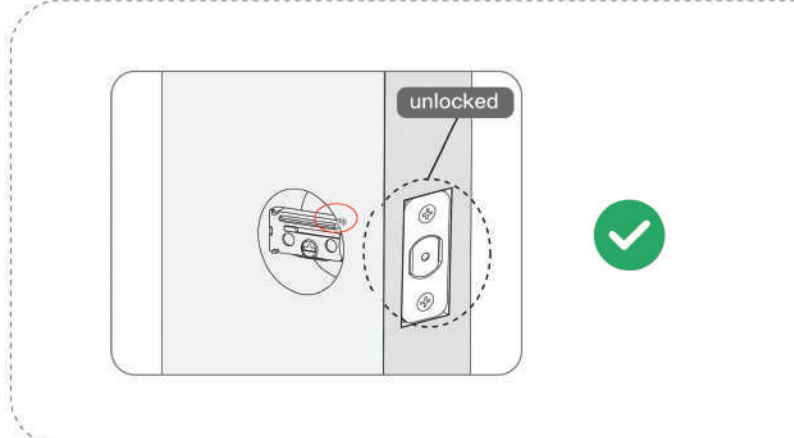
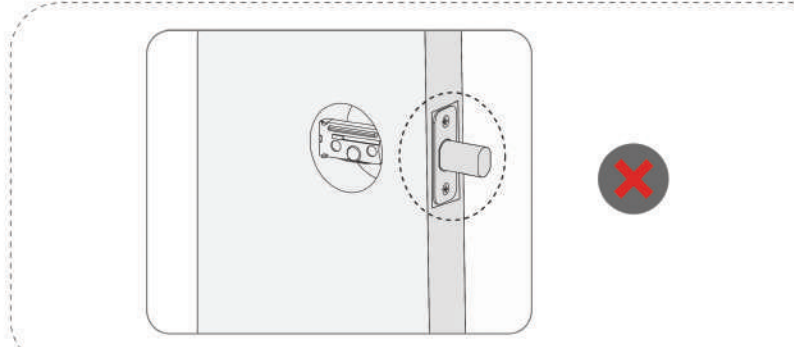


ON

Wood Block

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! IMPORTANT: Keep the latch in unlocked position before installation.

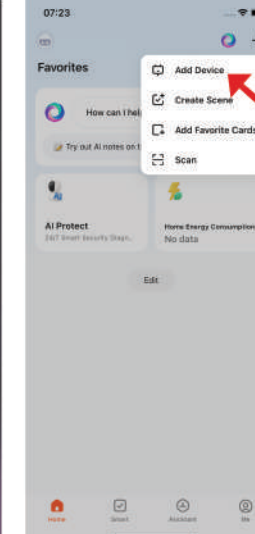
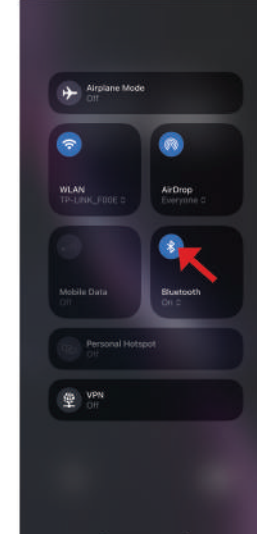
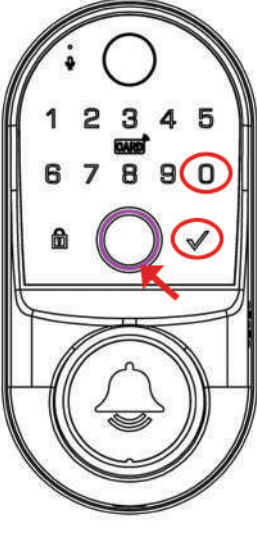


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Add a door lock

1. Press "0" on the door lock and then press the "v" key; the fingerprint reader will light up with purple light, enter the factory master code "123456" and press "v" to confirm, the digital light will keep flashing, at this time it has entered the configuration mode.

2. Make sure your phone's Bluetooth is turned on, tap the "+" in the top right corner of the APP; tap "Add Device"



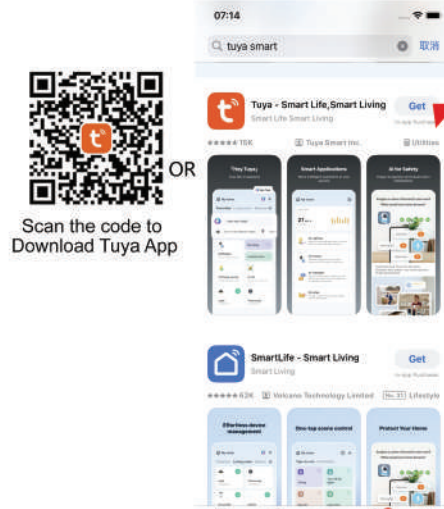
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App Setup Tutorial

APP download and user registration

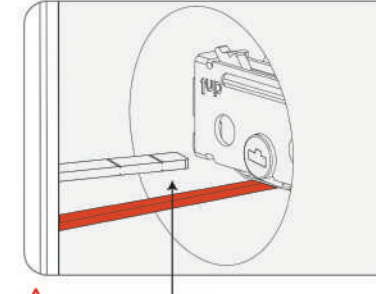
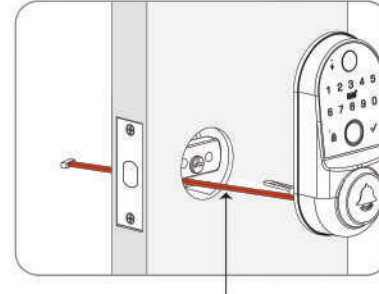
Need Help? Contact Us!
Email us at st-help@formal.com. We are committed to resolving your issues as quickly as possible.

1. Scan the QR code below, or search for and download the "Tuya Smart" APP in the app market. As shown in the figure.
2. Click to register as an APP user and log in to the APP. As shown in the figure below.



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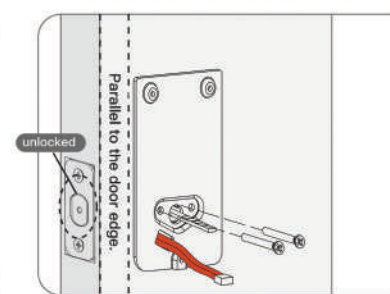
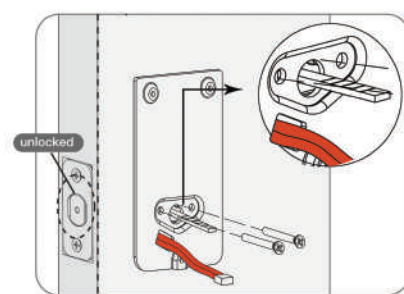
4. Install exterior assembly



Route the cable below the latch.

⚠ IMPORTANT:

1. The bolt must be in the unlocked position. Note the horizontal orientation of the tongue blade.
2. If the door thickness is narrow, the blade should be cut short.



Route the cable through the hole in the mounting plate.

Secure the mounting plate with the supplied screw.

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5. Install interior assembly

How to use?	
Unlock the door from outside	Lock the door from outside
1. Unlock by fingerprint	1. Lock by pressing the lock key
2. Unlock by entering the correct code and pressing the confirmation key	2. Press the short-cut key to lock
3. Unlock by the remote control	3. Set the time to lock automatically
4. Lock on the mobile APP	4. Unlock by the key
5. Unlock by key	
Unlock the door from inside	Lock the door from inside
1. Rotate the knob to unlock	1. Rotate the knob to lock
2. Press the short-cut buttons to unlock	2. Press the short-cut key to lock
3. Lock on the mobile APP	3. Set the time and auto-lock
4. Unlock on mobile display	

Troubleshooting

The latch bolt gets stuck:

- Please check the latch is installed correctly and aligned vertically.
- The initial code cannot be set.
- Please restore factory settings and try again.
- The lock is still not powered after installing the battery: please check if the cables are connected correctly.
- Batteries can be drained during transportation and storage. Please charge them.

The network is prone to disconnection or failing to connect:

- If the Wi-Fi network connection is unstable, please increase the strength of the Wi-Fi and router signal.
- Under normal conditions, the best effect is within 20 meters.
- Please increase the distance between the door lock and the router. If it cannot connect, please adjust the distance between the router and the door lock.
- If the router's battery is low, a voltage insufficiency can lead to network disconnection, please replace the battery.

Video calls can't smoothly:

- 1. Video quality depends on your Wi-Fi signal strength and internet speed.
- 2. If one party connects to the video after the other party, there will be video lag or disconnection.
- 3. Video quality may be affected by using the same Wi-Fi as the door lock, and it cannot be used beyond the Wi-Fi signal range.

Facial recognition cannot be correctly:

- You can enter the same fingerprint from multiple angles as multiple attempts to facilitate recognition. As shown in the right figure

Definitions

Master code:

The main code is 123456 at the factory, and it is needed when pairing the door lock to the smartphone. This code can be used to unlock the door lock when it is not paired with a phone; the main code will become invalid once the door lock is paired with a phone, unless you initialize the device. First code set on the APP will be the new main code. (Administrators should keep this information properly)

Auto lock:

The door lock will automatically lock 10 seconds after unlocking the factory setting. If the user function is disabled by default, you can turn it off in the APP or set the delay time between 1-99 seconds.

Emergency:

After entering an incorrect passcode more than 10 times will result in failure for 3 minutes. After 3 minutes, normal operation will resume after the next successful entry or the 3 minutes have passed.

Silent mode:

When you click the switch lock icon in the APP but you still hear a rattle or motor prompt and system sound.

Temporary code:

On the APP, you can set a temporary unlock code for one or more times, and the temporary code will be invalid after the set time.

Intercom disabled:

When someone rings the doorbell, the administrator's mobile phone will have a call ringtone and a mobile phone vibration. When you are ringing the intercom, you can see the video and connect the voice intercom, or you can unlock remotely by pressing the "unlock" button on the mobile phone. When you are ringing, you don't want to be reminded by mobile phone, you can turn off the APP prompt or disable the intercom.

Low battery reminder:

The low battery will not send the voice, after the low battery prompt, the door lock can still be opened normally about 200 times, but video call function may appear abnormal and unable to connect normally. Replace the battery in an emergency. (We are equipped with two 250mAh lithium batteries, when you work with one battery, the other side battery is fully charged for backup in an emergency.)

Code:

Users can prevent PIN code from being triggered by entering random digits before or after the correct PIN code.

8081 327182 14710

RANDOM DIGITS

14000000

Technical specifications

Product function:

- 6-in-1: Unlocking Methods: Fingerprint, Passcode, IC Card, Wi-Fi Remote, Physical Key, and Video Intercom.
- Two-Way Intercom: Built-in HD camera and doorbell for real-time video calls.
- Portable Indoor Monitor: Includes a mobile screen for viewing and unlocking from anywhere in your home.
- Remote monitoring: Real-time remote viewing of the situation outside the door.
- Remote unlocking: can be unlocked remotely at any time
- One-time code: Set a one-time code by time

Product parameters:

- User capacity: 100 fingerprints, 100 passcodes
- Fingerprint Sensor type: 1:1 sensor camera fingerprint head
- Fingerprint Pixel:160*160
- Fingerprint resolution: 508DPI
- False Acceptance Rate (FAR): <0.01%
- Mutual Rejection Rate (FRR) : <1.0%
- Number of code bits: 6-8
- Unlock time: <1.5 seconds
- Working Temperature: -30-60 °C
- Voltage range: 6.4-8.4V
- Low alert: TV
- Working Current: < 350 mA
- Standby Current: < 150µA
- Power Supply: Rechargeable lithium battery (700mAh can be used interchangeably)
- Charger adapter: output 5V <2A
- Emergency Power Supply: USB
- Network:Supports 2.4GHz Wi-Fi networks.

Information and safety warnings

Do not touch buttons or touch lock continuously. Important.

- Protect your user codes and master code.
- Restrict access to your locks interior assembly and routinely check your settings to ensure they have not been altered without your knowledge.

This lockset is designed to provide the highest standard of product quality and performance. Care should be taken to ensure a long-lasting finish. When cleaning, use only mild soap and water. Do not use harsh detergents, caustic soaps, abrasive cleaners or polishes could damage the coating and result in tarnishing.

1. Master PIN Code (edit/ids): The default master pin code is "12345656". If it's required that you change it to a code of your own before programming.
2. The main PIN code can be changed on the mobile app (The first code set on the APP is the new master code).
3. The master PIN code can be changed on the user code, 100 user fingerprints, 100 IC cards can be, and a temporary code can be set.
4. All settings are operated on the mobile APP.

1. This door lock is a Wi-Fi version and must be installed under the coverage of 2.4G Wi-Fi signal to be.
2. The mobile display and the door lock must be used under the same Wi-Fi signal.
3. The strength of Wi-Fi and the distance the signal source will affect the effect of remote use of the door lock and video call.
4. The closer the distance between the door lock and the Wi-Fi router, for optimal performance

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.