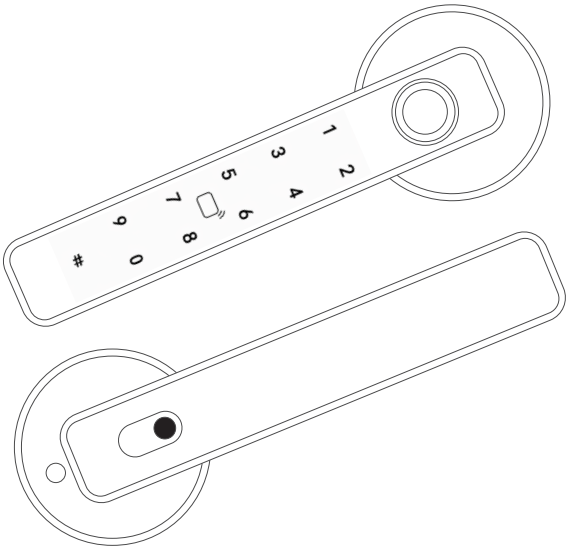
Smart Handle Lock
User Manual

H05

User Manual for Model H05. Available finish colors: Black, Silver, White.





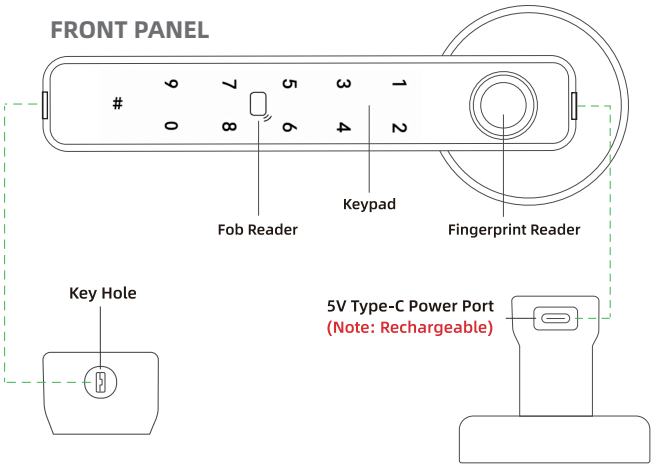
Before installing the smart lock, please read this manual carefully, and keep it in a safe place, for future reference.

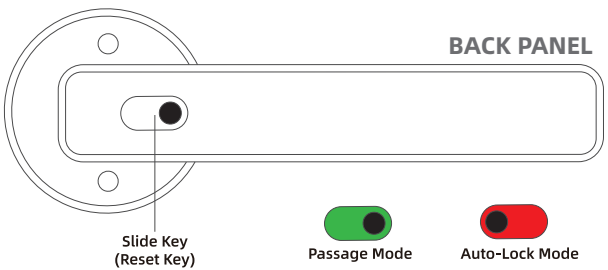
Table of Contents

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Important:
After device initialization, the lock enters **Demo Mode**. Any fingerprint, card, or factory-default Passcode **123456** can unlock the lock.

1. Product Overview





2. Parts List



FRONT PANEL

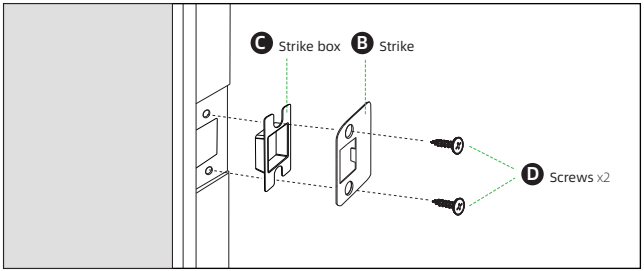
BACK PANEL



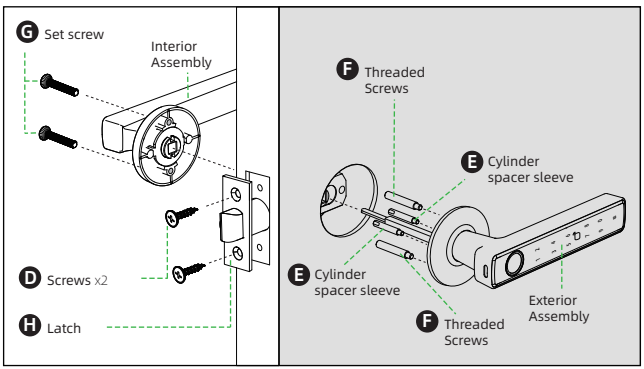
A Backup Key x2 	**B** Strike x1 	**C** Strike Box x1 
D Latch/Strike Screws x4 	**E** Cylinder spacer sleeve x2 	**F** Threaded tube x2 
G Set screw x2 	**H** Latch x1 	**I** IC Card x4 

3. Parts Explosion

Strike Installation



Latch & Handle Assembly





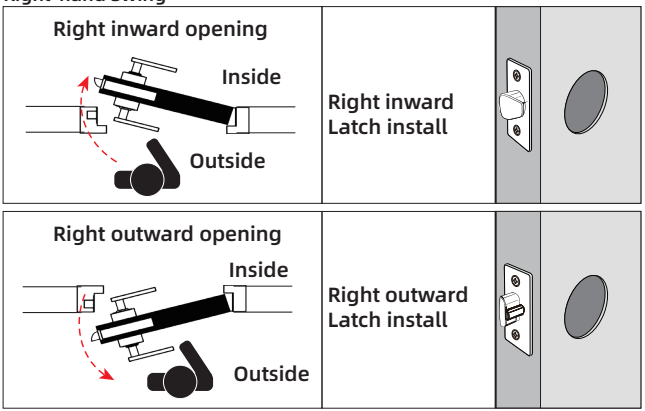
TOOL REQUIRED:

- During installation, please use a long-handle Phillips screwdriver.
- An electric screwdriver is not recommended. If you have to use one, please set it to low-torque mode to prevent damage to screws or the lock body.

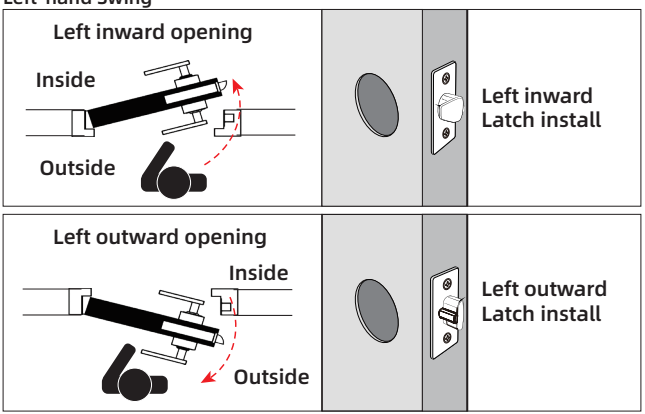
4. Installation Preparation

STEP
4-1 **Confirm Door Swing Direction**

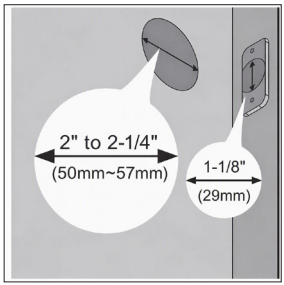
Right-hand Swing



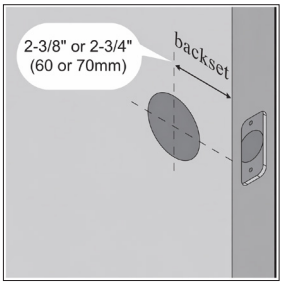
Left-hand Swing



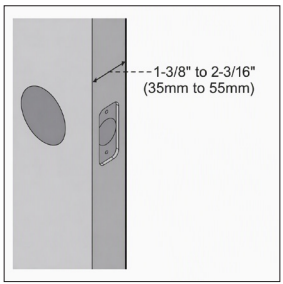
STEP
4-2 **Door Preparation & Dimension Check**



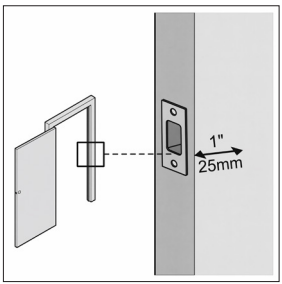
Measure to confirm that the hole in the door is 2" to 2-1/4" (50~57mm)
Measure to confirm that the hole in the door edge is 1-1/8" (29mm)



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



Measure to confirm that the door is 1-3/8" to 2-3/16"
(35 mm to 55mm) thick.

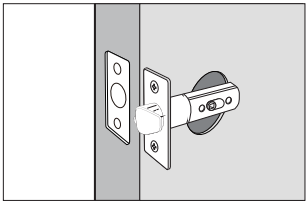


Ensure the hole in the door frame has a minimum depth of 1'' (25 mm) to allow full extension of the latch upon locking.

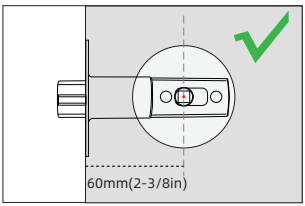
Note: Make sure the door frame is aligned with the door. There are no obstructions stuck in the door frame.

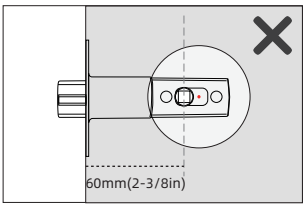
STEP
4-3 **Adjust the Backset of Latch (if needed)**

Hold the latch in front of the door hole, with the latch face flush against the door edge.

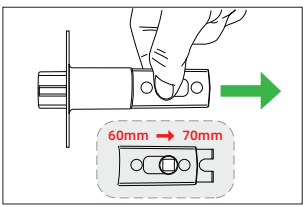


If the latch holes are centered in the door hole, no adjustment is required. If the latch holes are NOT centered, adjust latch. See "Latch Adjustment."

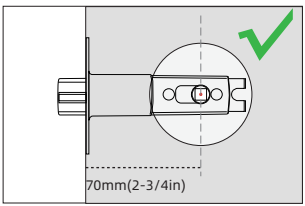




Latch adjustment (only if needed)



Grip the square hole of the latch and pull it backward.



5. Installation Steps

STEP
5-1 **Install the Strike box & Strike**

C Strike Box x1



A Retrieve Part **C** (Strike Box) from the accessory kit.



B Fit the Strike box into the pre-drilled recess on the door frame.

B Strike x1



C Retrieve Part **B** (Strike) from the accessory kit.



D Fit the Strike onto the installed Strike box on the door frame.

D Latch/Strike Screws x2



E Retrieve Part **D** (2 × Strike Screws) from the accessory kit.



F Secure the Strike and Strike box to the door frame with the supplied screws.

Tip:
Install the top screw first for easier positioning. Secure all screws loosely at first to allow minor adjustment of the Strike plate position.

STEP
5-2 **Install the Latch**

H Latch x1



A Retrieve Part **H** (Latch) from the accessory kit.



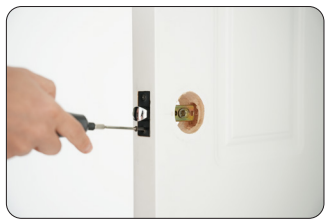
B Align the latch to the pre-drilled recess on the door, then push horizontally until the latch face plate is flush with the door edge.

Note:
Before installation, confirm the door opening direction (left-hand / right-hand, inward / outward) to ensure the latch bevel faces the correct direction.
If latch backset adjustment (60mm / 70mm) is required, please complete the adjustment by referring to the "Latch Adjustment" section prior to installation.

D Latch/Strike Screws x2

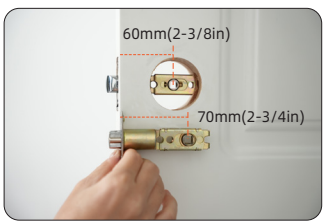


C Retrieve Part **D** (2 × Latch Screws) from the accessory kit.



D Secure the latch to the door with the supplied screws.

Tip:
Install the top screw first for easier positioning.



E Once the latch is fitted in place, verify that the center of the square hole of the latch coincides with the center of the door bore.

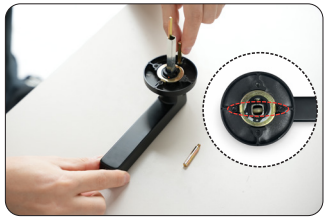
STEP
5-3

Install Fittings Inside the Front Panel

E Cylinder spacer sleeve x2



A Retrieve Part **E** (2 × Cylinder Spacer Sleeves) from the accessory kit.

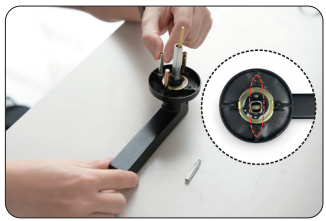


B Seat the cylinder spacer sleeves inside the front handle, ensuring they are horizontally aligned with the handle body.

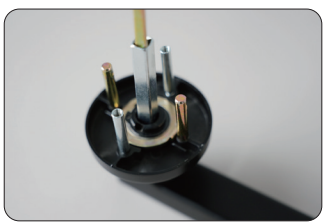
F Threaded tube x2



C Retrieve Part **F** (2 × Threaded Tubes) from the accessory kit.



D Press the threaded tubes into the remaining mounting bores on the front handle until fully seated.

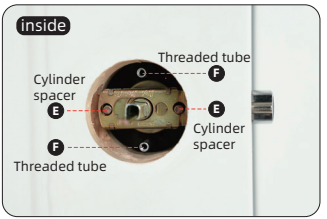


E Confirm correct placement of all parts per the reference diagram.

STEP
5-4 **Install the Front Panel**



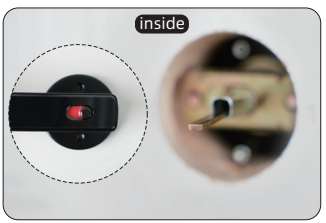
A Fit the front handle onto the door, inserting the square spindle through the square bore of the cylinder at the center of the latch assembly.



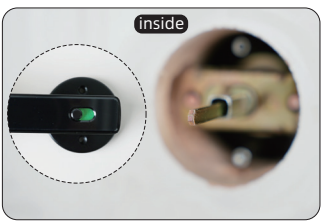
B Inspect from the door interior to confirm Part E is fitted into the cylinder mounting openings, and Part F is located above and below the cylinder.

Note:
The above assembly is identical for left-hand and right-hand door installation.

STEP
5-5 **Adjust Tail-bar & Lock Slider**



A Adjust the sliding button of the rear handle to the red position while keeping the Tail-bar horizontal.



B Adjust the sliding button of the rear handle to the green position while keeping the Tail-bar vertical.

Note:
Adjust before installing the rear handle. Mismatch between the tail bar and sliding button may cause jamming during installation.

STEP
5-6 **Install the Back Panel**



A Install the back panel on the interior side. Insert the tail bar and spindle through the center of the Back Panel.



B Retrieve Part G (2 × Set screw) from the accessory kit.



C Align the set screw with the threaded tube on the front handle, then fasten it to secure the rear lock. Leave some play (do not fully tighten).

Note:
Refer to Image C. Hold the front and back panel by hand to prevent the front handle from falling while aligning with the threaded tube.

Align the set screw with the threaded tube. Pre-align by checking the screw hole, then drive the set screw in with a screwdriver. Install the top screw first for easier positioning.



D Adjust the front and back panel to a horizontal position, then tighten the set screw. Installation complete.

E After installation is completed, test all unlock methods (Fingerprint / Passcode / IC Card / Mechanical Key) one-by-one before App pairing.

6. Download, Pairing & Usage

Scan the QR code with your smartphone to download the App.

You may also search for "Tuya App" or "Smart Life" on Google Play (Android) and App Store (iOS) for download.

Register and log in to your Tuya account.Pair the lock following the in-app instructions, then you can start using it.

Tuya Smart

Smart Life

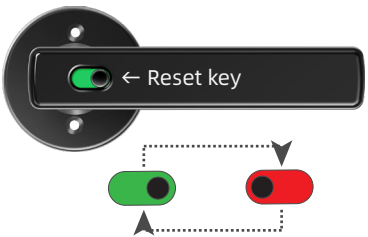
Available on the App Store

Get it on Google Play

STEP
6-1 **Local Reset of the Lock**

Note:
After installing the lock, we strongly recommend performing a hardware reset before connection.

This avoids pairing failures caused by residual data from factory testing without prior reset.



Slide the switch back and forth to reset.

A **Quickly toggle the sliding switch back and forth within 5 seconds, and observe the fingerprint indicator light on the front panel.**

B **When the red light on the fingerprint sensor flashes, touch the sensor with any finger.**

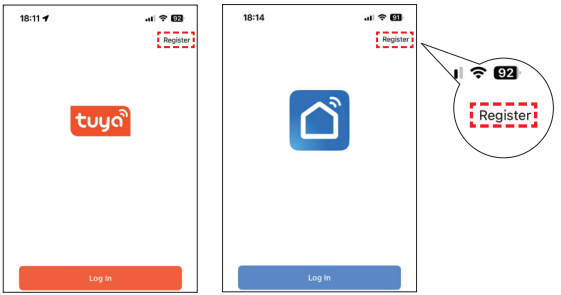
C **You will hear a long "DI~" beep and see the green light turn on, indicating the lock has been reset successfully.**

STEP
6-2 **Register account & Login**

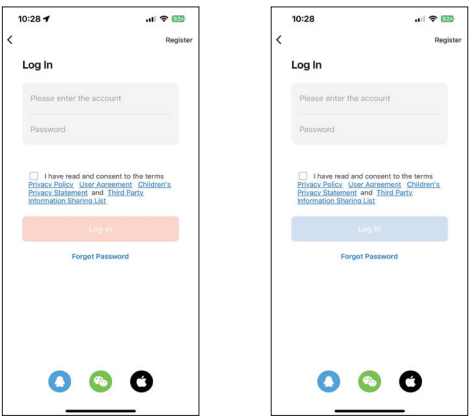
A Turn on Bluetooth and Wi-Fi on your phone;Android users need to enable Location Service / GPS.



B If you do not have an App account yet, you may register or log in via SMS verification code. Tap Create New Account to enter the account registration page, then follow the on-screen prompts to obtain the SMS verification code and set your Passcode.



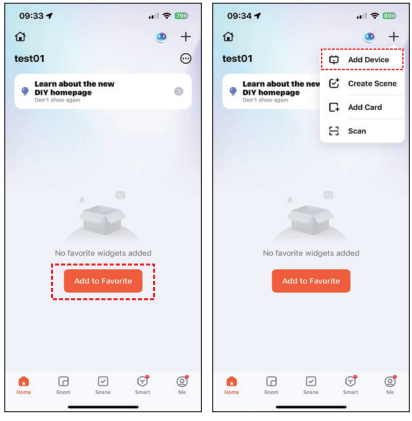
C If you already have an account, tap Log in with Existing Account to access the App. Supported login methods include Passcode, verification code and social media accounts.



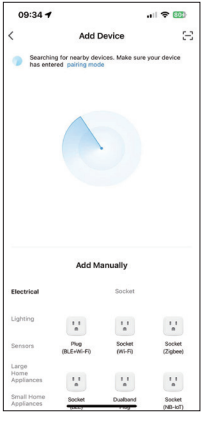
STEP
6-3

Add Devices

A On the home page, there are two ways to add a device for the first time.
Tap "Add Device"



B After tapping "Add Device" , the device-search page will open.



C Lightly touch the lock's keypad or fingerprint sensor to wake up Bluetooth.



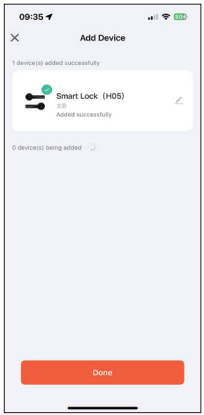
Note:
To save battery power, the lock will enter low-power mode after 5 minutes of inactivity.

Lightly touch the keypad or fingerprint sensor to wake up Bluetooth.

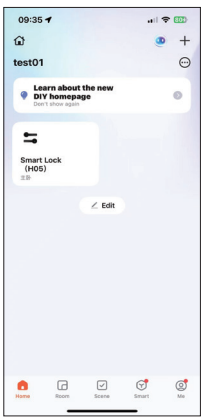
D Wait for the App to search and locate the device **Smart Lock (H05)**, tap it and follow the prompts to complete adding.



E **Smart Lock (H05)** added successfully.



F After successful pairing, Smart Lock (H05) will appear on the home page.



G If pairing fails, check the steps above and try again.

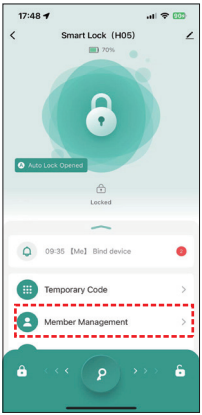
The lock stays in Demo Mode.

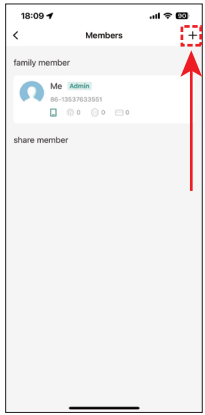
Note:
After device initialization, the lock enters **Demo Mode**. Any fingerprint, card, or factory-default Passcode **123456** can unlock the lock.

Once the lock is successfully paired with the App, Demo Mode will be automatically disabled.

You must register fingerprints / Passcodes / cards in advance for unlocking; all unauthorized fingerprints, Passcodes and cards cannot open the lock.

STEP
6-4 Add Member





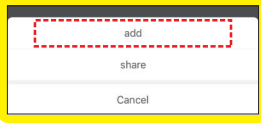
A Enter the Smart Lock (H05) home page.

Click “Member Management”

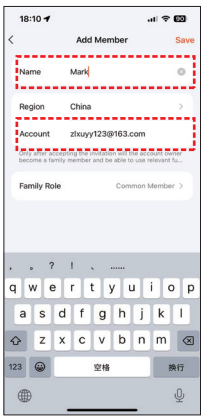
Tap the “+” icon in the upper right corner.

Note:
Tap **Add** to add other users directly under the main account.

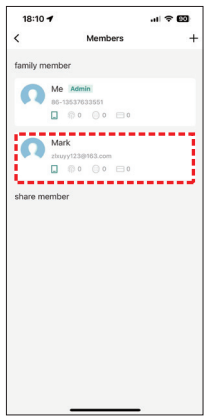
Tap **Share**. The other user account must accept the invitation.



B On the Add Member page, enter the target account and define the user name, then tap Save.



C Member added successfully. New member appears on the Members page. (Configure member permissions as needed.)

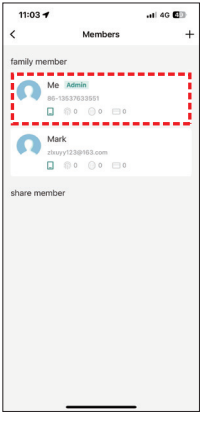


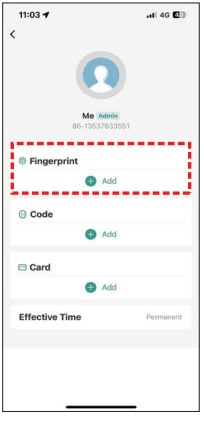
STEP
6-5

Add Fingerprint

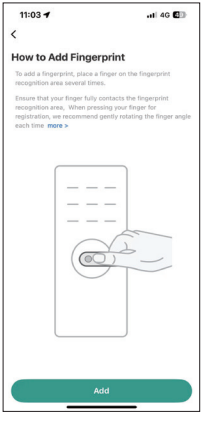
A On the Members page, select the user to whom you want to add a fingerprint.

Tap Add under Fingerprint to enroll the fingerprint.

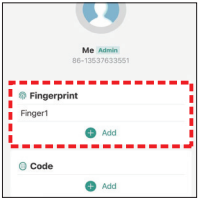




B Enter the fingerprint enrollment page, tap Add, and follow the on-screen steps to complete fingerprint enrollment.



C Fingerprint added successfully.



⚠ As shown in the figure: Enroll all 5 fingerprint areas for optimal recognition performance.



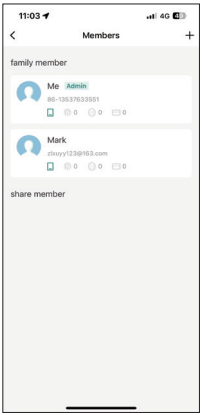
- Use the center of your finger for enrollment, not the fingertip.
- Scan the same fingertip from multiple angles.
- One user can enroll multiple fingerprints.
- Keep your fingers clean; avoid overly dry or wet conditions.

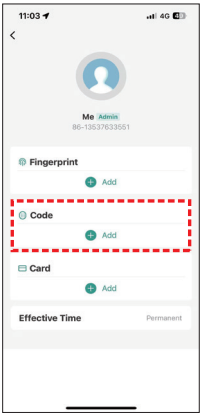
STEP
6-6

Add Passcode

A On the Members page, select the user to whom you want to add a Passcode code.

Tap Add under Passcode code to enroll the Passcode code.

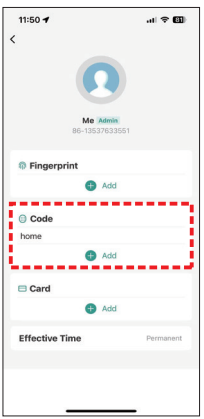




B Enter a 6-digit Passcode or random Passcode, then tap Save.



C Passcode added successfully.

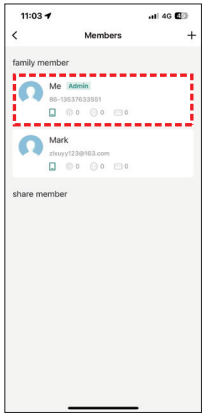


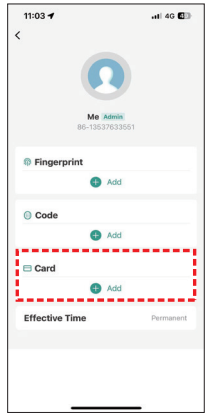
STEP
6-7

Add IC Card

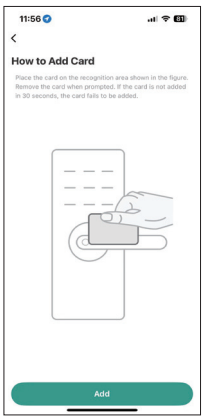
A On the Members page, select the user to whom you want to add a card.

Tap Add under card to enroll the card.

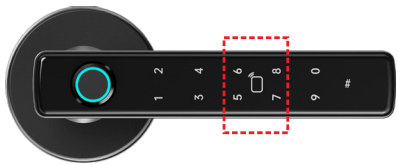




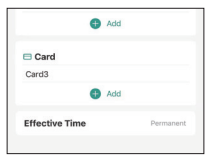
B Go to the card enrollment page, tap Add, and follow the on-screen steps to complete card enrollment.



C Place the key fob against the Fob Reader.



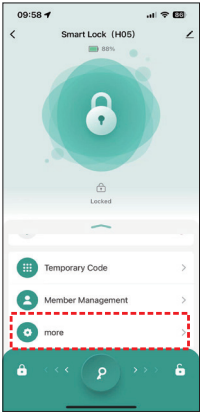
D Card added successfully.

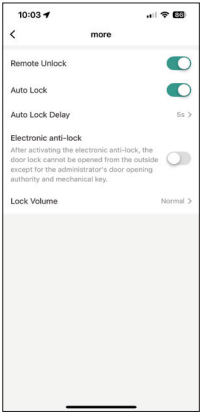


STEP
6-8

Device more settings

A In the **More Settings** page of the lock App, you can configure additional settings for the smart lock.





Feature Name	Meaning
Remote Unlock	Remotely unlock the smart lock via App.
Auto Lock	The lock will automatically lock after door-closing.
Auto Lock Delay	Set the waiting time before automatic locking takes effect after door-closing. Adjustable range: 1s ~ 1800s.
Electronic anti-lock	When enabled, only unlock credentials enrolled by administrator can unlock the lock; normal user credentials will be invalid.
Lock Volume	Adjust the volume of the lock's prompt beep sound. Optional levels: Mute, Low, Normal, High.

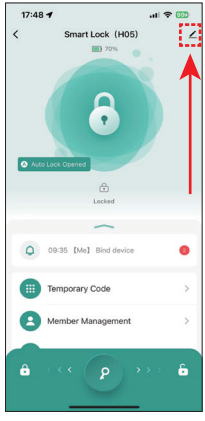
STEP
6-9

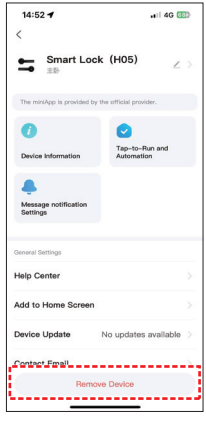
Remove the device

A Enter the Smart Lock (H05) home page.

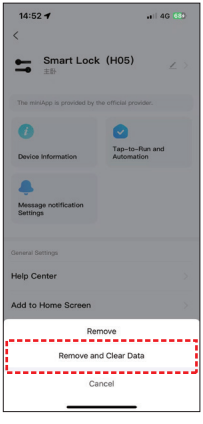
Tap the top-right icon to change the device icon.

Tap **Remove Device**.

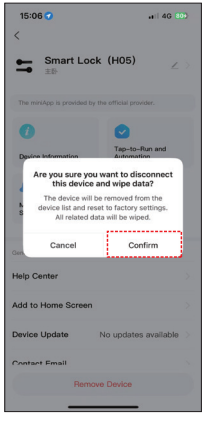




B Tap Remove and Clear Data.

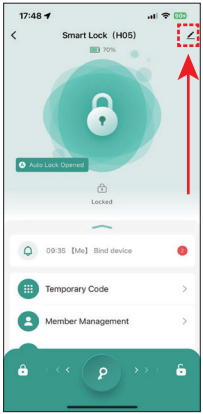


C Tap Confirm to remove the device. The device icon will be removed from the Home page. (The device Bluetooth will enter advertising state.)

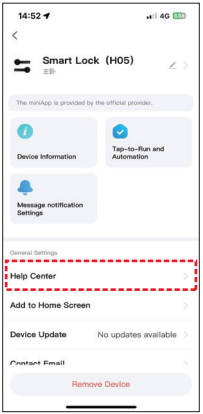


7. Help & Feedback

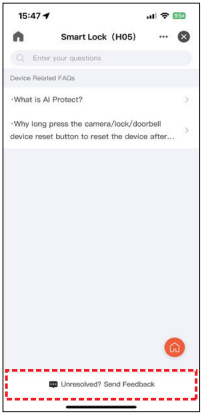
If you encounter any issues or have suggestions during use, please follow the steps below to submit your feedback. We will address it as soon as possible.



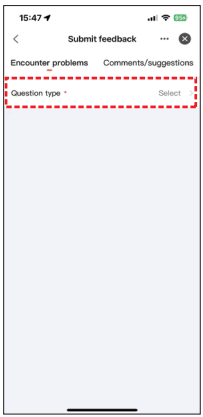
Tap the top-right icon to change the device icon.



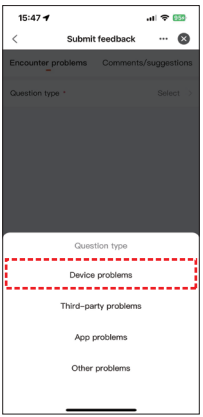
Enter help Center.



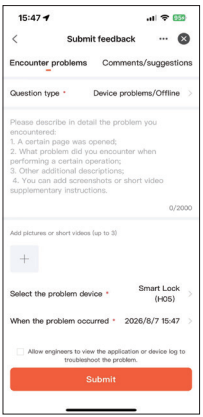
Tap the Feedback.



Tap the question type.



Select the problems

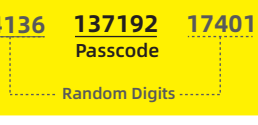


Fill in your issue as prompted and submit.

8. Features

Fingerprint	Unlock your door by scanning your fingerprint.
Passcode	Passcodes are used to unlock your door. Create entry codes from the Users tab in the Tuya App. Permanent passcodes are supported.
Cards	Cards are used to unlock your door by wiping them on the Fob reader. Create entry cards from the Users tab in the Tuya App.
App Unlock	App Unlock enables you to unlock the lock via the Tuya App.
Passage Mode	Passage Mode disables auto-lock. The lock remains unlocked after opening. You can exit Passage Mode via one administrator verification unlock or operation in the Tuya App.
Auto-Lock	Auto Lock automatically locks the door.The timing duration ranges from 1 second minimum to 30 minutes maximum. Auto Lock can be configured in the lock settings of the Tuya App.
Dummy Passcode *	You can enter random digits before and after the real Passcode to prevent others from peeking at your Passcode. Only the continuous correct Passcode sequence will unlock the lock.
Remote Unlock/Lock	Use the Tuya App to control the lock anywhere/anytime. (Tuya Gateway needed)
Silent Mode	The sounds when pressing keypad can be muted.
Low Battery Alarm	If the fingerprint indicator flashes red and the buzzer beeps "DiDiDi" upon each unlock, it means the battery level is low. Please charge promptly with a 5V 1A/2A power adapter.
System Lock	If incorrect user unlock information is entered 5 times consecutively, the lock system will be locked for 90 seconds. The lock will not respond to any operations within 90 seconds. (One App Unlock operation can cancel the system lock.)

Note:
Dummy Passcode Introduction.
(The maximum total length of the Passcode is 16 digits.)



9. Device Parameters

Product Name	Smart Lock	
Model No.	H05	
Power Supply	400mAh Battery operated	
Wireless Connection	Bluetooth BLE	
Operating Temperature	-10℃ ~ +60℃	
Operating Humidity	10%-90%RH, non-condensing	
Fingerprint Capacity	50 sets	Max capacity 200 sets (Fingerprint/Passcode/Card)
Passcode Capacity	100 sets	
Card Capacity	100 sets	
Low-battery Alert	Supported	
Emergency Power Supply	Type-C external emergency power supply	
Compatible Door Thickness	35mm ~ 55mm (1-3/8" to 2-3/16")	

10. Sound & Light Indicators

Sounds	Lights	Meaning
/	Solid sky-blue light	The lock is awakened, waiting for unlock input.
/	Solid blue light	After the lock is successfully connected to the App, use the App to enroll unlock credentials.
1 beep	Flashing green light once	Successful unlock.
2 beeps	Flashing blue light once	Successful lock.
4 beeps	Flashing red light 3 times	Code input error alarm once.
3 long beeps	Flashing red light 3 times	Code consecutive input error 5 times, system shuts down for 90 seconds.
3 rapid beeps	Flashing red light 3 times	Low battery power alarm.

11. FAQ

Q: I entered a code or fingerprint incorrectly too many times and my lock will not accept any new inputs.

A: Unlock the lock once via the app or wait 90 seconds, or use the physical mechanical key.

Q: Fingerprint recognition poor / need multiple attempts

A: Clean finger & fingerprint sensor; Enroll fingerprints from multiple angles in App; Keep finger dry.

Q: How to maintain the lithium-ion battery?

A: If storing long-term, keep battery at 50%-70% charge. Avoid direct high-temperature sunlight. Do not use non-standard chargers.

Q: Why does App show lock offline?

A: Common causes: low battery, Bluetooth sleep, too far distance. Check battery level and get closer to reconnect.

Q: How long does a full charge last?

A: Under normal usage, full charge lasts 3-4 months. Actual runtime depends on unlock frequency, fingerprint usage and Bluetooth wake-up.

Q: Accessories missing or lost after unboxing?

A: Contact your store customer service, provide product model and missing-parts list for replacement.

Q: How long to fully charge the battery?

A: About 1-1.5 hours from empty. Unplug the cable once fully charged; avoid permanent continuous power supply.

Not working like it should? Contact us with the following information for quicker resolution。

Which product do you have?

Where are you in setup process?
- Installing the product.
- Setting up the app with the product.

How long have you had our products for?

Here is how you can contact us.

Email：yfksmart@gmail.com

12. Important Information

Warning:

- Avoid damp conditions and keep the device away from water sources.
- Do not use this device in damp environments to prevent electric shock or device damage.
- When using this device, maintain a minimum distance of 20 cm from the human body to comply with RF (Radio Frequency) exposure safety requirements.
- Do not keep the device in close contact with the human body for extended periods to avoid risks associated with RF energy exposure.
- Do not disassemble or modify this device without authorization.
- Do not use this device in high-temperature, flammable, or explosive environments.
- Ensure the device is well-ventilated and do not block its heat dissipation vents.
- If an external antenna needs to be installed, it is recommended that the installation be performed by a qualified professional.
- Small parts of the device may pose a choking hazard; keep the device out of the reach of children.

Battery Safety:

- Use only the specified rechargeable battery supplied by the manufacturer. Do not replace the battery with an incompatible model.
- Charge the battery using a 5V 1A/2A USB power adapter only. Do not use fast-charging adapters exceeding 5V/2A.
- Do not disassemble, puncture, crush, or incinerate the battery. Do not expose the battery to fire or high temperatures above 60°C.
- Do not short-circuit the battery terminals. Keep the battery away from metal objects such as keys, coins, and jewelry.
- Do not immerse the battery in water or other liquids. If the battery emits an unusual odor, generates heat, or becomes discolored, stop using it immediately and contact customer support.
- If the lock will not be used for an extended period, charge the battery to approximately 50% before storage, and recharge it at least once every 3 months to prevent over-discharge.
- Do not replace the battery while the door is unlocked. Ensure the door is open during battery replacement to avoid being locked out.
- Dispose of used batteries in accordance with local environmental regulations. Do not discard batteries in household waste.

Installation Safety:

- This lock should be installed by a qualified professional or a person with adequate DIY experience. Incorrect installation may result in lock failure, security risks, or property damage.
- Before installation, ensure the door is fully open and stable. Do not install the lock while standing on a chair, table, or unstable surface.
- Verify that the door thickness, backset, and borehole dimensions match the specifications in this manual before drilling or modifying the door.
- Do not modify the lock body, latch, strike plate, or any structural components by yourself. Unauthorized modification voids the warranty and may cause mechanical failure.
- Keep the mechanical backup key outside the premises (e.g., in a secure office or with a trusted neighbor) at all times. Do not store the backup key inside the locked premises.
- After installation, test all unlocking methods (fingerprint, Passcode, IC card, APP, mechanical key) and the anti-lock function before relying on the lock for daily use.
- Do not connect the lock to any external power source other than the specified Type-C emergency power supply during normal operation.
- Ensure all cables and connectors inside the lock are properly seated and not pinched between the door and the panel during installation.

Child Safety:

- This product contains small parts (screws, IC cards, key fobs) that may pose a choking hazard. Keep all accessories out of the reach of children under 3 years old.
- Do not allow children to operate the lock unsupervised. Children may accidentally lock themselves in or out, or damage the lock.
- Enable the Child Lock / Electronic anti-lock function when children are present indoors to prevent them from opening the door from the inside without supervision.
- Keep the mechanical backup key, IC cards, and Passcode information away from children. Do not let children observe Passcode entry to prevent them from memorizing the code.
- Do not allow children to play with the fingerprint sensor, keypad, or lock handle. Rough handling may damage the sensor or cause the door to slam shut.
- When the door is closing, ensure children's fingers and hands are clear of the door edge and latch area to avoid pinching injuries.
- If a child is accidentally locked inside, use the mechanical key or emergency power supply to unlock the door immediately. Do not attempt to force the door open.

FCC Statement

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.
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.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

RF Exposure:

- This device contains a Blue tooth Low Energy (BLE) module and operates within the 2.4 GHz frequency band.
- This equipment has been evaluated and found to comply with FCC/IC RF radiation exposure limits for an uncontrolled environment.
- Maintain a minimum distance of 20 cm between the device and the human body during normal operation to ensure compliance with RF exposure requirements.
- Do not install or operate this device in close proximity to, or in conjunction with, any other antenna or transmitter, unless specifically authorized in this manual.
- Do not use external antennas with this device unless they are approved by the manufacturer. Unauthorized antennas may exceed RF exposure limits and void regulatory compliance.
- This device is intended for installation in fixed door positions. It is not designed for portable or body-worn use.
- Changes or modifications to this device not expressly approved by the manufacturer could void the user's authority to operate the equipment and may violate RF exposure regulations.