



User Manual

Light1-vip Series Smart Lock
V1.0.0

Important Safeguards and Warnings

This section introduces content covering the proper handling of the device, hazard prevention, and prevention of property damage. Read carefully before using the device, and comply with the guidelines when using it.

Operation Requirements

- Do not disclose your passcodes to others and change them regularly.
- Avoid liquids from flowing into the device.
- Replace the battery in time when the power is low.
- When installing battery, always make sure the positive and negative poles are aligned correctly as the indications in the battery compartment. Wrong direction might cause faults such as rupture, leakage, and overheating.
- Do not frequently touch the keypad or touch keys with objects having a sharp end such as a ball pen.
- Do not use the lock outdoors or in severe environment with high level of temperature, humidity or salinity.
- Do not wipe the lock with strong acid or alkali, corrosive organic solvents, or polishing objects, to avoid damaging the external parts.

Privacy Protection Notice

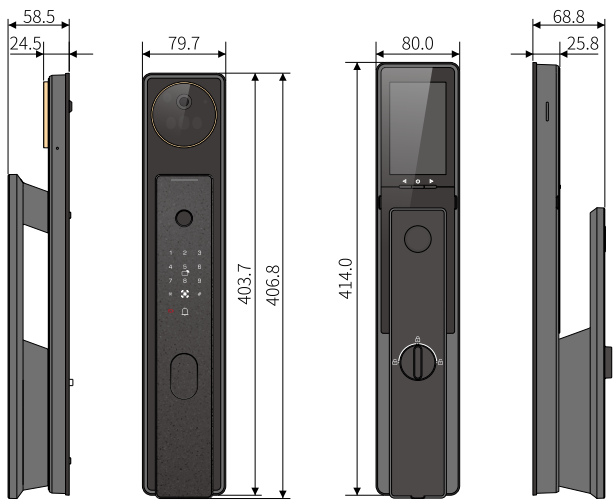
As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

About the Manual

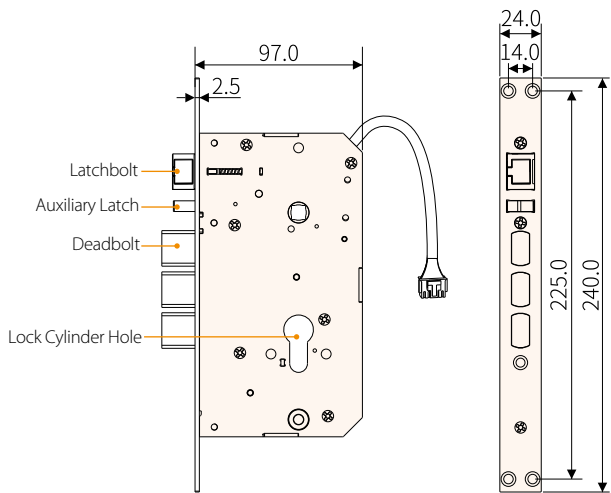
- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact the supplier for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

01 Dimensions

Panel (unit: mm)



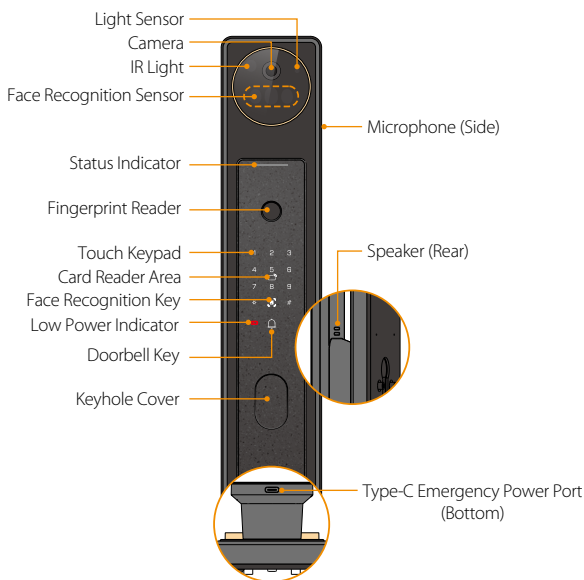
Lock Body (Unit: mm)



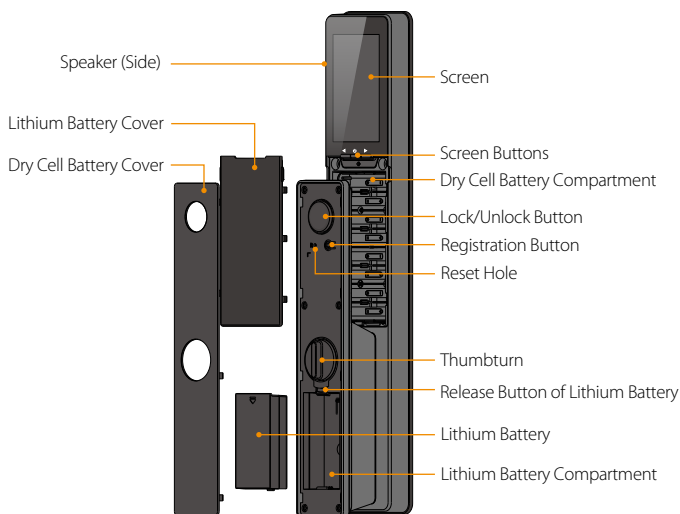
02 Overview

Panel

Outdoor Panel



Indoor Panel



i In case you need to reset the lock, press and hold the reset hole with a pin or a sharp end for 3 s, and then release it until you hear the voice guide.

Quick Menu



- 0 — 9

 - In non-registration mode:
 - "0-9": Digits can be entered.
 - In registration mode:
 - "1": Press 1 to set up passcode.
 - "2": Press 2 to set up card.
 - "3": Press 3 to set up fingerprint.
 - "4": Press 4 to set up face.
 - "6": Press 6 to set up remote key fob.
 - "8": Press 8 to set up volume.
 - "9": Press 9 to set up tamper alarm (turned on by default).
 - "0": Press 0 to set up the network.
- #

 - In passcode input or registration mode, press # to confirm.
 - In non-registration mode, press and hold # for 3 s to enter the passage mode setting.
- *

 - In non-registration mode:
 - Press and hold * for 3 s to enter the Do Not Disturb mode setting. Press * to enable the keypad during DND mode.
 - Press * to mute for a single time.
 - In registration mode:
 - Press * to return to the upper menu.
 - Press * with specific number to clear all the registered information of the same entry method.
- When the keypad is not displayed, press this key to activate the face recognition.
- Please replace batteries in time when the indicator lights up in red.

Performance Mode

The lock has four performance modes. By default, is the auto mode, which is automatically switched among the other modes based on the battery level of the lock.

Item	General Mode	Power Saving Mode	Ultra Power Saving Mode
Doorbell	√	√	√
Low Power Alarm	√	√	√
Tamper-proof Alarm for Lock Panel	√	√	√
Tamper-proof Alarm for Lock Body	√	√	√
Lock Disabled Alarm	√	√	√
High Temperature Alarm	√	√	√
Fake Locking Alarm	√	√	√
Duress Alarm	√	√	√
Loitering Detection	√	√	×
Unlock Notification	√	√	×
Live Streaming	√	×	×

You can choose appropriate mode as needed in the Imou Life app. Functionality, power consumption and battery life vary with different modes.

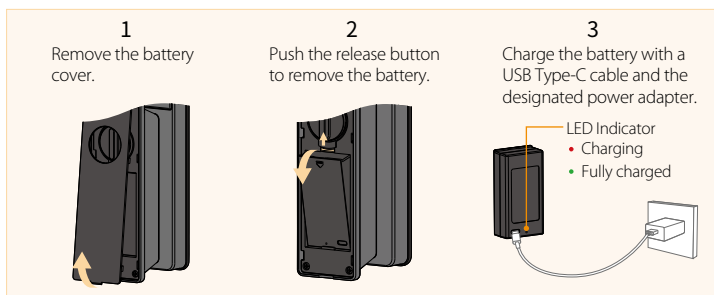
Replace Dry Cell Batteries

Please replace batteries in time once the low battery alarm goes off and the low power indicator lights up.

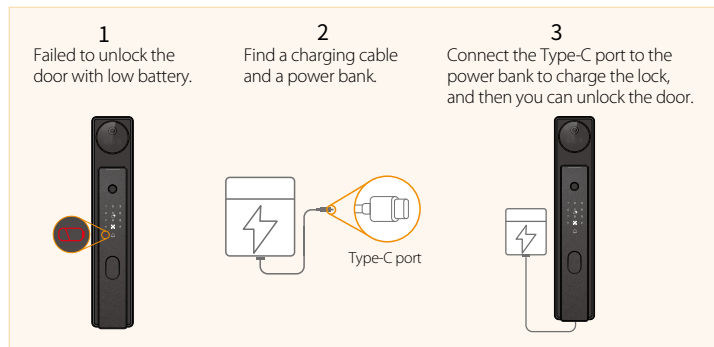
- Always ensure positive (+) and negative (-) directions correct when inserting batteries.
- To avoid battery leakage, check them regularly (every 3 months recommended).
- Do not mix new and used batteries.
- Passcode, card, fingerprint or facer unlocking might fail when the battery is low.

Charge the Lithium Battery

- Please take out the battery and charge it in time once the low battery alarm goes off.
- You are recommended to charge the battery with a 5 VDC, 2 A power adapter and a Type-C cable (not provided).



Emergency Power



03 Settings

Set Up Admin Passcode

- The lock is in trial mode (initial state) after installation or reset and you can open the door with any unregistered passcode, fingerprint or card.
- For the sake of security, you are required to create your own admin passcode before activating other unlocking methods.

1 Press the registration button.	2 Enter 6-12 new admin passcode followed by #.	3 Repeat your admin passcode followed by #.
		

- To change the admin passcode, please follow step 1 and 2 in "Register Passcode" section, and then press 2 to continue.
- To change the admin passcode in case you forgot it, please enter the admin mode with the admin fingerprint. Restoring to factory settings to create a new admin passcode is another option which should be thoughtful, since all data will be cleared.

Admin Mode

- The steps below should be repeated every time you want to do programming.
- The first registered fingerprint is regarded as admin fingerprint. For detailed operation, please see the section "Register Fingerprint."

1 Press the registration button.	2 Press 1 to enter admin mode.	3 Enter the admin passcode followed by # or verify by the admin fingerprint.	4 You are in Admin mode.
			

Connect the Device to the Network

- Ensure the lithium battery is fully charged and correctly installed; otherwise, the lock may fail to connect to the network.
- This lock is exclusively compatible with 2.4 GHz Wi-Fi networks.
- After adding the lock to the Imou Life app, you can view live streaming of the scenes outdoors, answer video calls when someone presses the doorbell button, remotely unlock the door, etc.

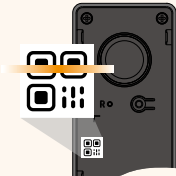
1

Download and install the Imou Life app. Create an account and log in.



2

Open the indoor panel cover, and tap + at the upper right corner on the homepage of the app to scan the QR code.



3

Follow the on-screen instructions in the app to connect the lock to the network and add it to the app.

- i • Please follow the instructions in the Imou Life App to complete the setup.
- After the pairing process is completed, the voice prompts the operation is successful.

Register Passcode

- i • The user passcode consists of 6 to 12 digits.
- Up to 10 user passcodes can be registered. The voice alert goes off when the limit reached and the lock enters sleep mode.

1

Enter admin mode (find details on section "Admin Mode").



2

Press 1 to enter passcode registration.



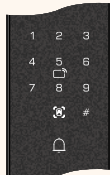
3

Press 1 to add user passcode.



4

Enter 6–12 digit passcode followed by #, then confirm the passcode.



5

Press 1 to continue; press * to return; press the registration button to exit.



Register Card

- i • Please keep the registered card secure. If it is lost, you'd better clear the information of all registered cards. Please see the section "Multi-delete."
- Up to 10 cards can be registered. The voice alert goes off when the limit reached and the lock enters sleep mode.

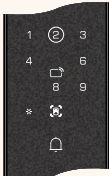
1

Enter admin mode (find details on section "Admin Mode").



2

Press 2 to enter card registration.



3

Place the card on the reader until you hear a beep.



4

Press # to save the setting.



5

Press 2 to continue; press * to return; press the registration button to exit.



Register Fingerprint

- i** • The first registered fingerprint is regarded as the admin fingerprint and can be the replacement of admin passcode to authenticate the admin identity.
- Up to 100 fingerprints can be registered. The voice alert goes off when the limit reached and the lock enters sleep mode.

1

Enter admin mode (find details on section "Admin Mode").

2

Press 3 to enter fingerprint registration.

3

Hold your finger on the reader and follow the voice guide to complete the registration. Please start over again if the operation failed.

4

Press 3 to continue; press * to return; press the registration button to exit.

Register Face

- i** Up to 20 faces can be registered. The voice alert goes off when the limit reached and the lock enters sleep mode.

1

Enter admin mode (find details on section "Admin Mode").

2

Press 4 to enter face registration.

3

Look directly at the face recognition area and follow the voice guide to complete the scanning. Please start over again if the operation failed.

4

Press 4 to continue; press * to return; press the registration button to exit.

Register Remote Key Fob

- Please keep the registered key fobs secure, which is sold separately. If it is lost, you'd better clear the information of all registered key fobs. Please see the section "Multi-delete."
- Up to 5 key fobs can be registered. The voice alert goes off when the limit reached and the lock enters sleep mode.

1

Enter admin mode (find details on section "Admin Mode").



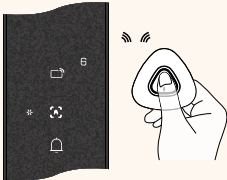
2

Press 6 to pair the key fob.



3

Place the key fob close to the lock and hold down its pairing button. No.6 will turn off after the pairing succeeds and the system exits the registration mode automatically.



Set Up Volume

- The lock is silenced if you decrease the volume to the lowest. There will be no sounds in non-registration mode like key tones or some voice prompts.

1

Enter admin mode (find details on section "Admin Mode").



2

Press 8 to enter volume settings.



3

Press 1 to turn up volume. Press 2 to turn down volume. Press the registration button to exit and activate the volume setting.



One-time Silence Mode

The lock will be mute for a single time on unlocking and locking the door.

1

Touch the keypad to wake it up.



2

Press * to turn the mode on. The lock will be mute when you press the doorbell or use any access method to unlock the door.



Set Up Tamper Alarm

i By enabling the tamper alarm, both sound alert and alarm notifications will be triggered when the lock detects abnormal disassembly.

1

Enter admin mode
(find details on section
"Admin Mode").



2

Press 9 to enter
tamper alarm
settings.

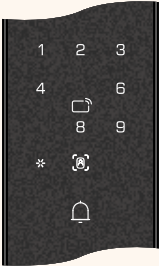


3

Press 1 to enable the tamper alarm.
Press 2 to disable the tamper alarm.



Group Delete Access Methods



In admin mode:

- [*+1]** Clear all registered passcodes.
- [*+2]** Clear all registered cards.
- [*+3]** Clear all registered fingerprints.
- [*+4]** Clear all registered faces.
- [*+6]** Clear all registered remote key fobs.
- [*+0]** Reset network connection.

i Please disable multi-factor authentication in the app (in case it is enabled) if you want to delete all fingerprints or faces at one time.

Delete Single Access Method

- i**
- Passcode and fingerprint from the admin cannot be deleted.
 - Digit of access method to be deleted: 1 for passcode; 2 for card; 3 for fingerprint; 4 for face.

1

Press the registration
button.



2

Press 2 to enter
the user mode.



3

Press the specific digit that
stands for an access method.
Follow voice guide to
complete deletion.



4

Press # to confirm.
Press * to return to
the upper menu.



Passage Mode

As the door stays open during the passage mode, push or pull the handle to unlock the door.

1

Touch the keypad to wake it up.



2

Press and hold # for 3 s.



3

Enter the admin passcode followed by # or verify by the admin fingerprint.



4

The mode is enabled when you hear the voice prompt.



- To disable the passage mode, wake up the keypad, press and hold the # for 3 s, and then follow the voice guide to enter the admin passcode ended by # or scan the admin fingerprint.

Do Not Disturb Mode

Turn on the mode if you do not want to be disturbed for a period of time. The door cannot be unlocked with any registered normal passcode, card, fingerprint or face. Neither can it be unlocked remotely from the app. The doorbell also keeps silenced when someone presses it.

1

Touch the keypad to wake it up.



2

Press and hold * for 3 s.



3

Enter the admin passcode followed by # or verify by the admin fingerprint.



4

The mode is enabled when you hear the voice prompt.



- Either passcode or fingerprint from the admin or the remote key fob can be used to unlock the door in the DND mode. To use admin passcode, please wake up the keypad, press * and then enter the admin passcode followed by #.
- To disable the Do Not Disturb mode, wake up the keypad, press and hold the * for 3 s, follow the voice guide to enter the admin passcode ended by # or scan the admin fingerprint.

04 Lock/Unlock Door

Unlock Door from Outside

i If you had several failed unlocking attempts within 5 minutes, the lock will be disabled for 90 seconds, during which you cannot open the door from outside.

- Incorrectly enter the passcode for 5 consecutive times.
- Failed to read the card for 5 consecutive times.
- Failed to read the fingerprint for 5 consecutive times.

If you only failed to unlock the door with your face for 8 continuous times, the face recognition will be disabled for 3 minutes. You can still use other entry methods instead.

The lock will automatically recover after lockout period or return to normal state after you unlock the door from inside, hold down the registration button for 3 s or remotely unlock the door with the key fob or app.

Use Passcode

Wake up the keypad. Enter the passcode followed by #. Open the door after the verification is successful.



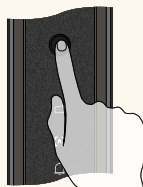
Use Card

Place the registered card on the reader. Open the door after the verification is successful.



Use Fingerprint

Place the registered finger on the fingerprint reader until you hear a beep. Open the door after the verification is successful.



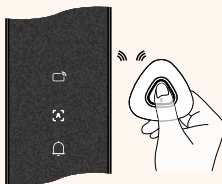
Use Face

Step close to the door, and the door will be unlocked after your face is verified.



Use Remote Key Fob

Press the button on the key fob within its communication distance. Open the door after the verification is successful.



Use Mechanical Key

Press to lift one end of the keyhole cover. Insert the key into the keyhole and turn the key to its limit.



Use App

When the doorbell rings, pick up the call and hold the unlocking button on the app to open the door.



- You can use anti-peep code to keep secure when unlocking the door. Any digits can be added before or after the actual passcode to prevent others spying nearby, supporting up to 32 digits in total, i.e. random digit + correct passcode + random digit.
- To prevent unwanted unlocking if you accidentally turn around when the door is just closed, face recognition will be temporarily disabled for 15 seconds (adjustable in the app). You can manually activate face recognition by pressing the designated key on the keypad.
- To ensure the optimal response, you are recommended to unlock the door with the remote key fob at a distance up to 5 meters (16 ft). Keep the key fob secure and with enough battery as well.
- Avoid obstruction within a distance of 1 meter in front of the door so that the face recognition won't be affected.

Unlock Door by Multi-factor Authentication (Face + Fingerprint)

- By enabling the multi-factor authentication in the Imou Life app, you are allowed to access after verifying the face and the fingerprint together. Unlocking with solely the face or the fingerprint is not supported. For detailed guidance, please refer to the instructions in the Imou Life app.
- If your fingerprint fails verification for five times within five minutes, the lock will be disabled for 90 seconds. Similarly, eight consecutive failures in facial recognition will result in a three-minute lockout for face recognition feature. During these lockout periods, alternative methods such as a passcode, card, or remote key fob can still be used. The lock will automatically recover after lockout period or return to normal state after you unlock the door from inside, hold down the registration button for 3 s or remotely unlock the door with the key fob or app.
- You can transpose the order of verifying face and fingerprint.

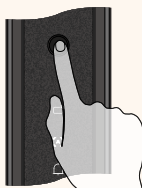
Verify Face

Step close to the door, and the door will be unlocked after your face is verified.



Verify Fingerprint

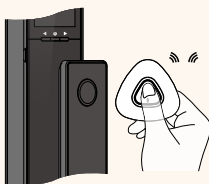
Place the registered finger on the fingerprint reader until you hear a beep. Open the door after the verification is successful.



Unlock Door from Inside

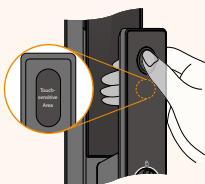
Use Remote Key Fob

Press the button on the remote key fob within its communication distance.



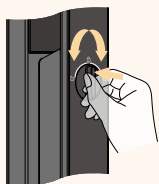
Use Lock/Unlock Button

Place your palm against the touch-sensitive area on the rear of the handle and press the lock/unlock button meanwhile.



Use Thumbturn

Rotate the thumbturn to the unlock symbol according to the actual door opening direction.

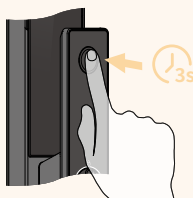


- i** The door cannot be unlocked by simply pressing the privacy button, so as to prevent accidental unlocking by children or pets.

Privacy Locking

Privacy Locking

Press and hold the lock/unlock button for 3 s until you hear the voice guide.



- i** After privacy locking is enabled, you can unlock the door with following methods: access verification from the admin, remote unlocking with key fob or app, mechanical key, pressing and holding the lock/unlock button or other inside unlocking methods.

Display Screen

Electric Door Viewer

- When the lock is on standby, press the power button beneath the screen to view live streaming outside the door.
- During live view, press the left or right button to check recorded video footage.



- i** Anytime during operation, press the power button will turn off the screen and make the lock to standby state.

Specification

i If there are any changes in the specification, the actual product shall prevail.

Item	Description
Card Type	Mifare 1
Read Distance	<10 mm (0.39")
Response Time	<0.5 s
Card Capacity	10
Keypad Type	Touch keypad
Passcode Length	6 to 12 digits
Passcode Capacity	10 normal passcodes; 5 temporary passcodes
Anti-peep Code	When you unlock the door, add any digits before or after the actual passcode (max.32 digits in total).
Fingerprint Module	Capacitive reader
Fingerprint Capacity	100
Face Module	3D structured light
Face Capacity	20
Face + Fingerprint Unlock	Yes
Operating Voltage	Battery for lock: 4.5–6.5 VDC, eight 1.5V AA alkaline batteries Battery for camera: 3.7 VDC, 5,200 mAh lithium battery
Battery Lifespan	Battery for lock: About 12 months with 10 times unlocking per day. Battery for camera: About 3 months The actual battery life depends on the operating frequency and environment.
Low Power Alarm	Battery for lock: ≤ 4.8 VDC Battery for camera: ≤ 3.47 VDC
Backup Power	Supply power through Type-C port
Lockout Threshold	The lock will be disabled for 90 seconds after continuous failed unlocking attempts with passcode (5 times), card (5 times), or fingerprint (5 times) in 5 minutes. Face recognition will be suspended for 3 minutes with failed facial attempts for 8 times within 5 minutes.
Unlocking Mode	Do not disturb mode; trial mode; passage mode; normal mode
Door Thickness	40 mm–100 mm
Positioning	Backset: 60 mm; spindle hole center to keyhole center: 68 mm
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	10%–93%
Factory Reset	Yes
Alarms	Loitering, tamper, high temperature, fake locking, low power, duress, unidentified user
Two-way Talk	Main stream: 1536 Kbps; sub stream: 350 Kbps
Wi-Fi Compatibility	Requires 2.4 GHz Wi-Fi network
Battery Charging	5 VDC, 1 A: Fully charged with 7 hours 5 VDC, 2A: Fully charged with 4 hours

Troubleshooting

Problem	Solution
Fingerprints cannot be registered.	• Clean the surface of the fingerprint reader. • Ensure dry cell batteries can provide enough power. • During registration, moderately press the fingerprint reader and do not move your finger.
Failed or unsatisfying fingerprint unlocking.	• Ensure the fingerprint is still within its validity. • Any sweat or liquid on your finger will interfere with the scan. • Your finger is exactly placed on the fingerprint reader. • A damaged or dry fingerprint may influence the detection. Try again with other fingers. • Register the same fingerprint several times for better recognition.
Failed to unlock with passcodes.	• Ensure your passcode is correct and within its validity. • Please enter the passcode followed by #. • The lock is not in the Do Not Disturb mode.
Failed to unlock with cards.	• Ensure the card is still within its validity. • Use the provided card. • The lock is not in the Do Not Disturb mode.
Failed to unlock with faces.	• Ensure the face can be captured. • Ensure the lithium battery is fully charged. • The lock is not in the Do Not Disturb mode.
Face recognition remains inactive.	• Approach the lock to activate face recognition again. • Press the face key on the keypad to manually enable face recognition.
Face recognition is not working for a while after I close the door.	After the door is closed, to prevent undesired unlocking when you accidentally turn around, face recognition will be temporarily disabled for 15 s (adjustable in the app). To manually turn on face recognition, press the face key on the keypad.
Failed to unlock with face + fingerprint authentication.	• Make sure the multi-factor authentication is enabled in the app. • Each access method is in its validity. • Both access methods should be verified.
Failed to group delete access methods.	Ensure the multi-factor authentication is disabled in the app.
The lock cannot connect to the network.	• Ensure the lock is in pairing mode. • Check if the mobile device has turned on Wi-Fi. • The lock is not linked to other app account.
I cannot unlock the door with app.	• Ensure the Wi-Fi is enabled on your smart phone. • The lock has been added to the Imou Life app. • The lock is not in the Do Not Disturb mode.
I cannot wake up the keypad.	• Please place your palm on the keypad for about 1 s. • Make sure the dry cell batteries have enough power; otherwise, replace them.
The keypad keeps flashing.	Make sure the dry cell batteries have enough power; otherwise, replace them.
The door keeps locked despite the voice prompts me to open the door.	• Check if the motor has rotation sound. • Check if the lock is correctly installed and the lock body works well.

Problem	Solution
Key stuck in the lock or cannot be rotated.	Ensure your key is turned to its original position.
The lock does not respond and gives out low battery alert.	Connect the lock to the Type-C port with a power bank. Open the door and replace the battery.
The loitering alarm is triggered falsely.	Set the detection interval and the time limit for loitering longer in the app to reduce false alarms.
The lithium battery life is shorter than expected.	• Change the router with a more powerful one. • Turn off the unlocking push notification and loitering detection in the app.

Get IMOU Support

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For more information about IMOU, please visit

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