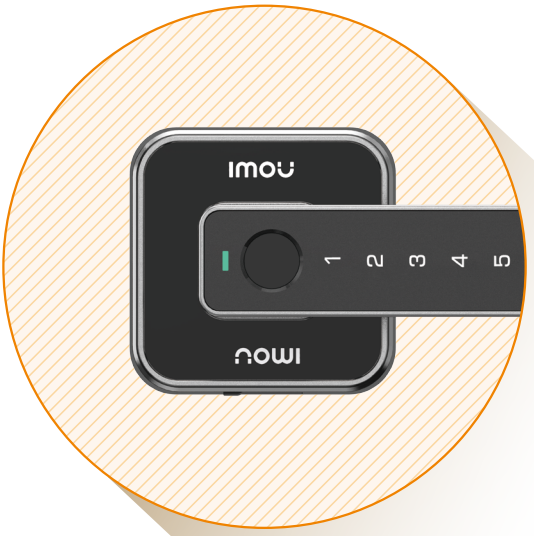


User Manual

Cubo 2 Series Smart Lock

V1.0.0

PUM_U0009750

Table of Contents

Important Safeguards and Warnings 01

Package Contents 02

Dimensions.....03

Installation.....04

Overview 15

Settings 17

Unlock Door.....26

Parameters & Help 27

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

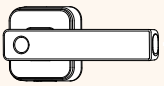
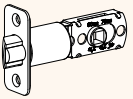
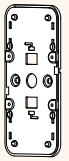
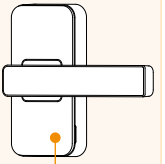
As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing 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.

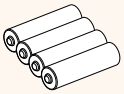
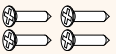
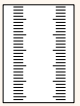
About the Manual

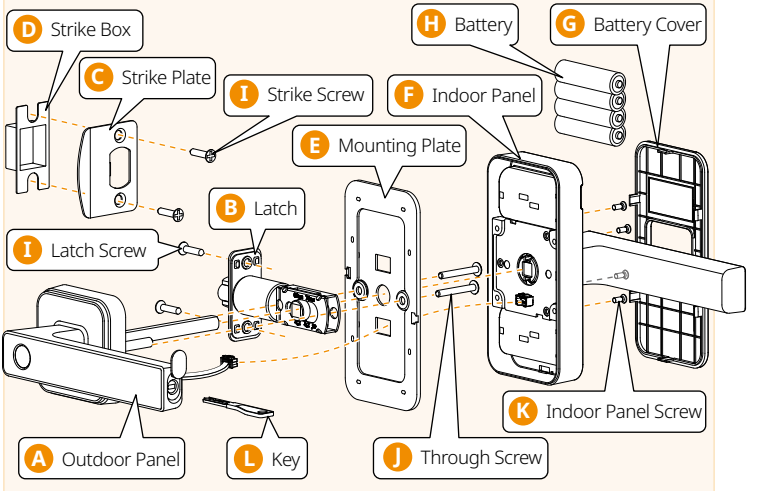
- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations 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 Package Contents

The following is for reference only. Actual components should be confirmed with physical items.

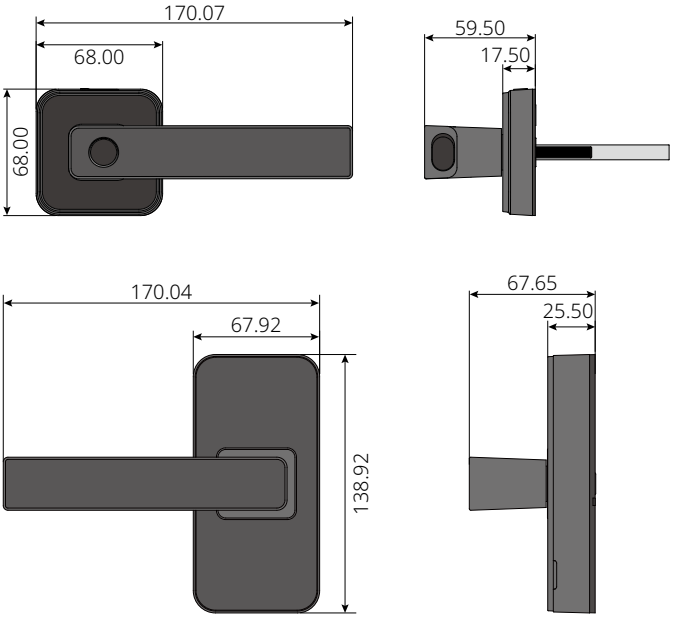
A Outdoor Panel 	B Latch 	E Mounting Plate 	F Indoor Panel  G Battery Cover
	C Strike Plate  D Strike Box 		

H Battery 	I Strike Screw & Latch Screw 	J Through Screw 	K Indoor Panel Screw 
L Key 	M Drilling Template 	N Quick Start Guide 	O Regulatory Information 

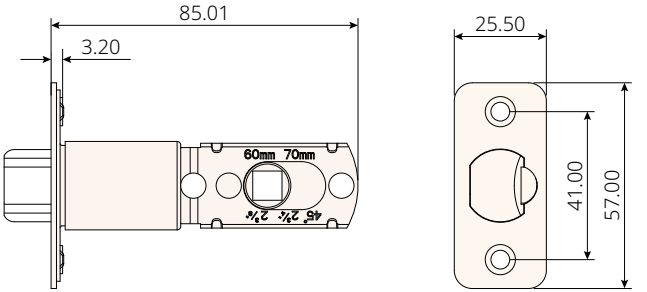


02 Dimensions

Panel (unit: mm)



Latch (unit: mm)



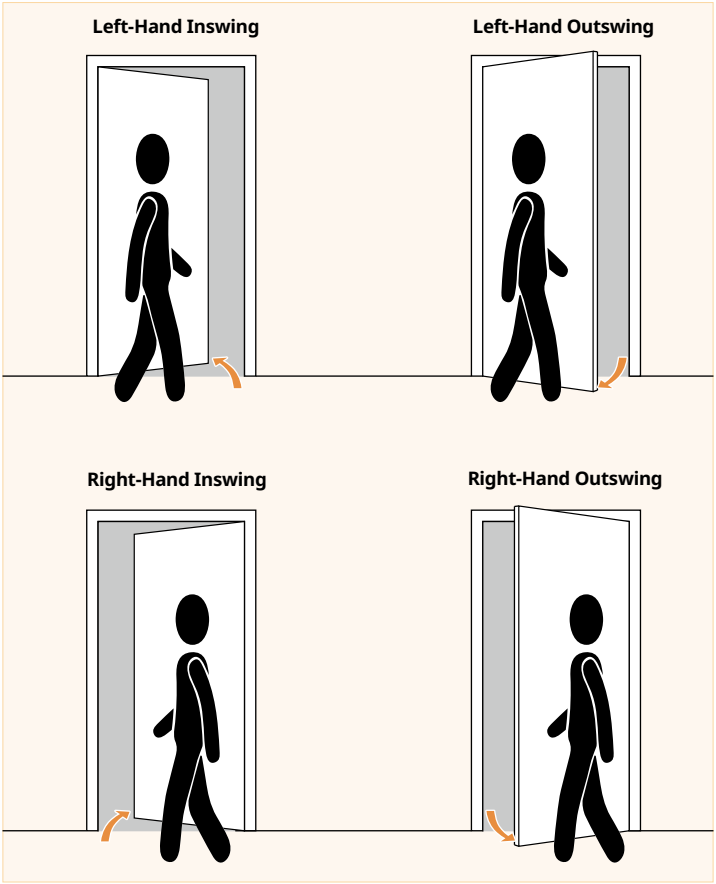
03 Installation

Door Handing

Before installation, identify your door's opening direction. The illustrations provided are viewed from the outside perspective for clarity.

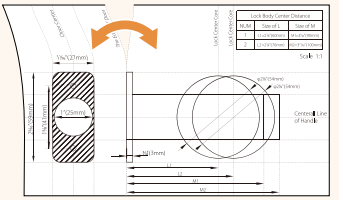
1. Stand outside the door and observe the hinge position: if the hinges are on the left, it's a left-hand door, and if they're on the right, it's a right-hand door.

2. Check whether the door swings away from you (inswing) or toward you (outswing). For example, a left-hand door that opens inward is labeled Left-Hand Inswing, while a right-hand door that opens outward is Right-Hand Outswing.

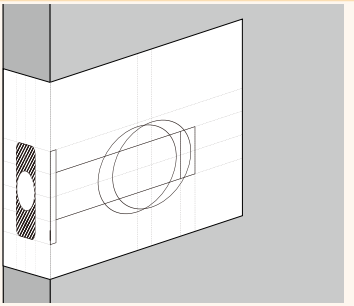


Step 1 Drill Holes

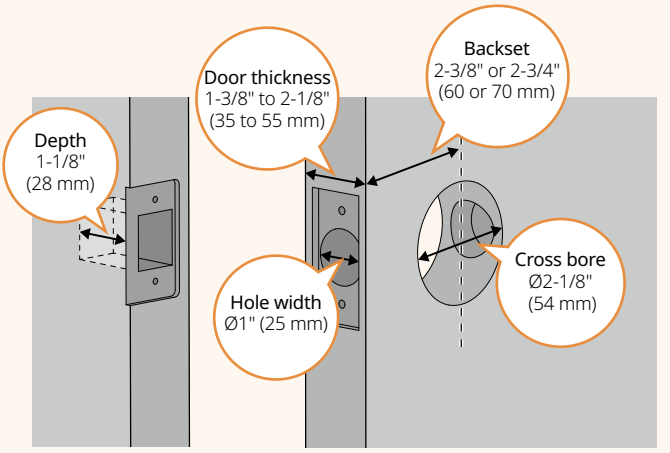
1 Tear off the drilling template along the perforated line.



2 Attach the drilling template to the door. Make sure the center lines are aligned.



3 Drill holes as the template marks.

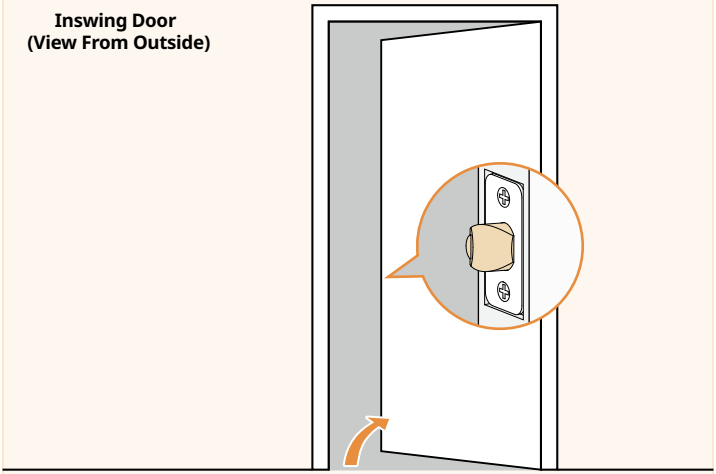


Step 2 Install the Latch

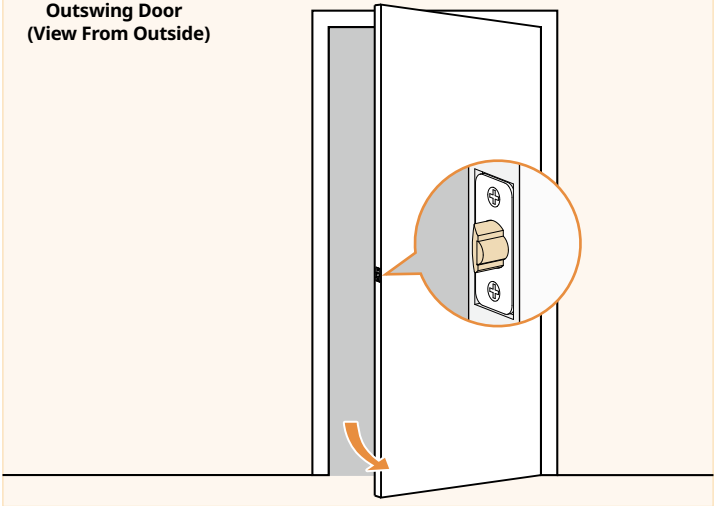
1 Orient the latch correctly before installation. The beveled edge must face the door frame when the door closes to allow smooth operation.

- Inswing door (opens inward): The bevel faces outside toward the exterior.
- Outswing door (opens outward): The bevel faces inside toward the room.

Inswing Door
(View From Outside)

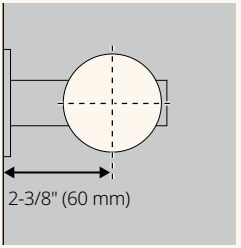


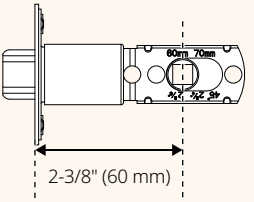
Outswing Door
(View From Outside)



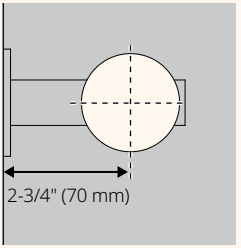
2 Check whether the latch needs to be adjusted.

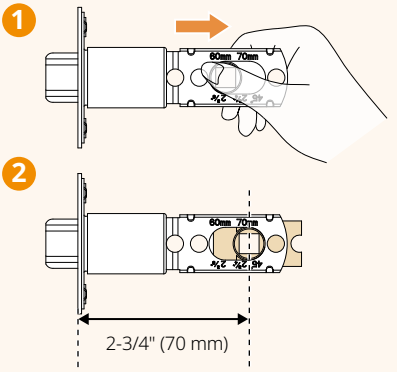
- For a 2-3/8" (60 mm) backset, directly insert the latch into the hole.
- For a 2-3/4" (70 mm) backset, pull the latch body outward to extend its length.



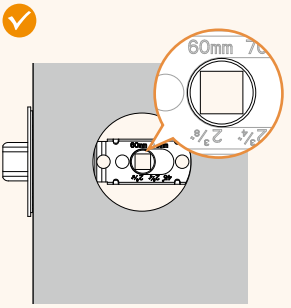


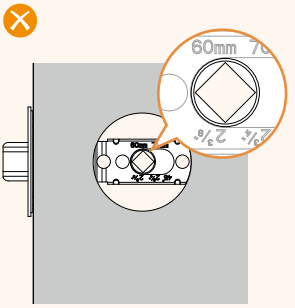
OR



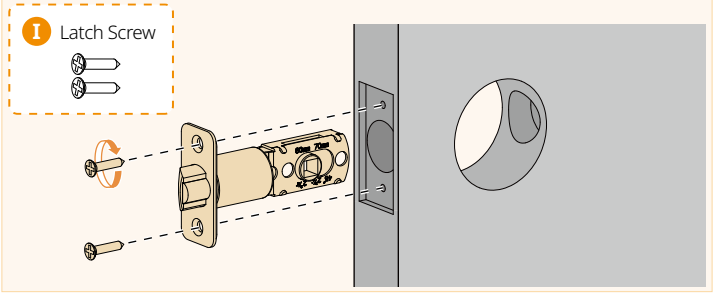


Make sure the spindle hole in the latch is squarely straight.



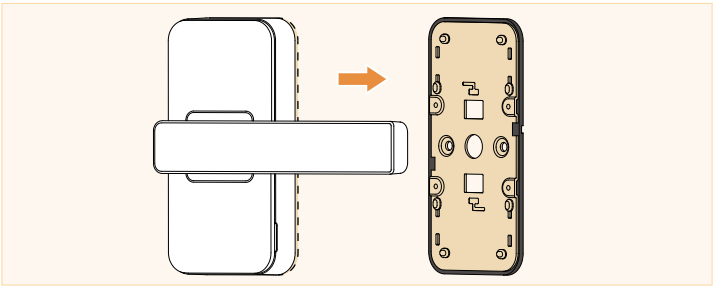


3 Inset the latch into the designated hole. Secure the latch with latch screws and ensure the faceplate flushes with the door edge.

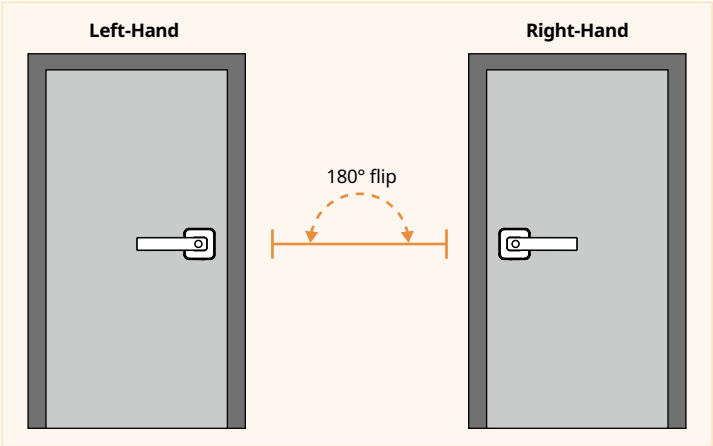


Step 3 Install the Outdoor Panel

Before mounting the outdoor panel, please detach the mounting plate from the back of the indoor panel.

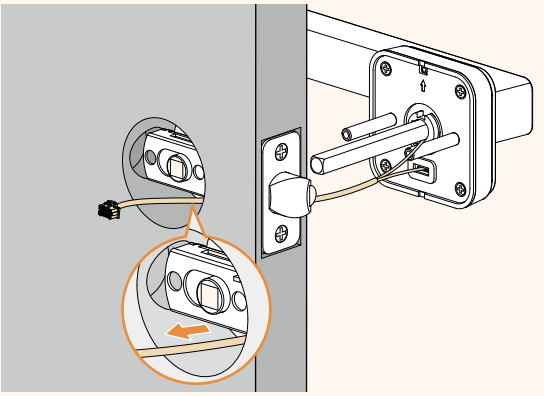


1 To fit the door's opening direction, simply flip the lock panel by 180 degrees as illustrated below—no additional configurations needed.

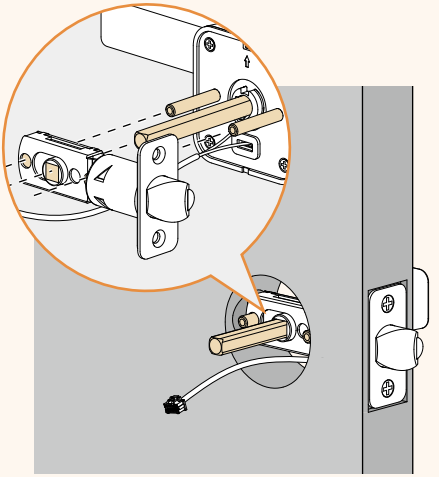


2 Route the outdoor panel's cable through the gap near the latch.

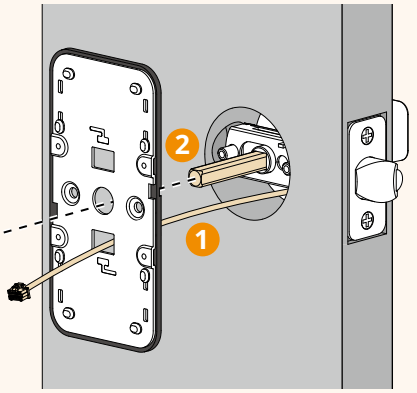
To remain a tension-free connection, use the lower gap if the cable originates from the lock panel's bottom, or the upper gap if it comes from the top.



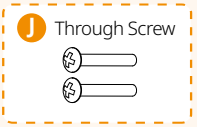
3 Mount the outdoor panel to the door by inserting its spindle and through bolts into the designated holes on the latch.

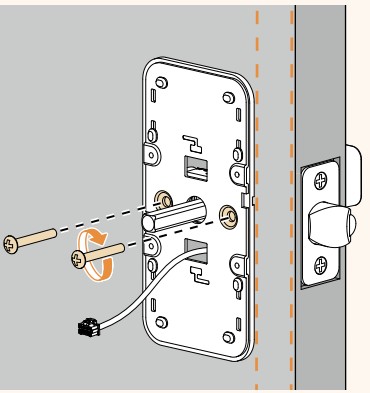


4 Attach the mounting plate to the inner door surface with the silicone pad in contact with the door. Guide the cable and spindle through their respective holes on the mounting plate.



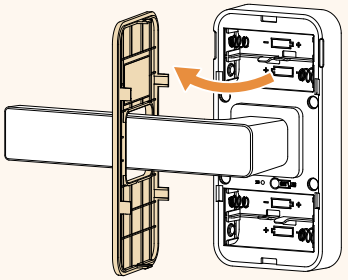
5 Keep the mounting plate parallel to the door edge, then fasten it with through screws.



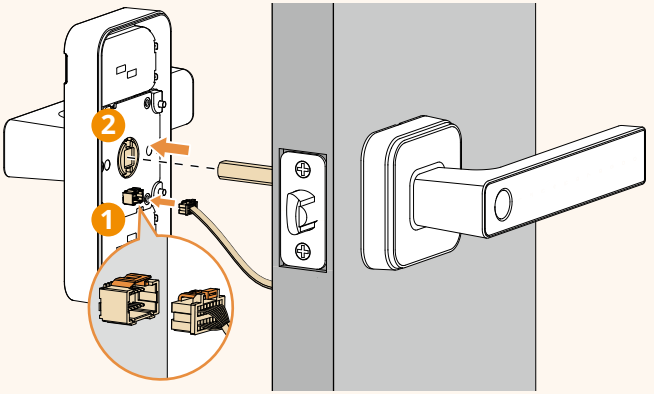


Step 4 Install the Indoor Panel

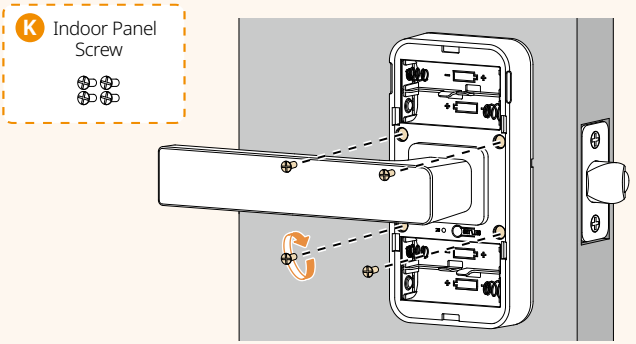
Before installing the indoor panel, remove the battery cover.



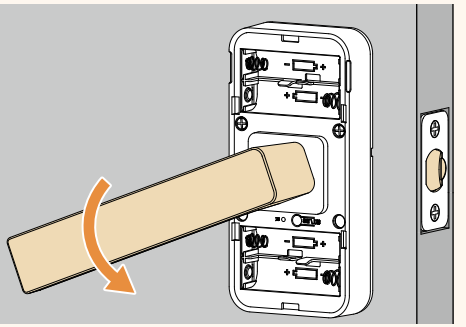
1 Align cable connector's locking tab with the socket's notch, then firmly push the connector into place. Once secured, insert the spindle into the indoor panel.



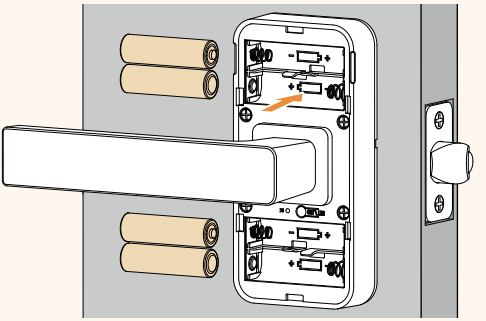
2 Tuck excess cable into the hole, then screw the indoor panel to the mounting plate.



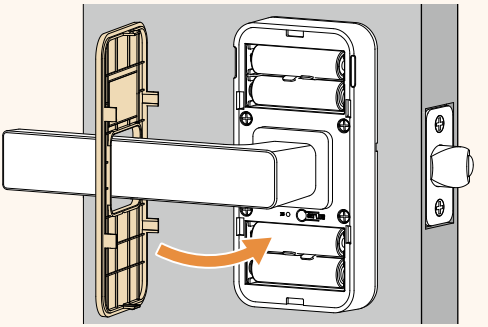
3 Depress and raise the handle to test if the bolt retracts and extends freely.



4 Install batteries, ensuring the terminals match with the correct polarity (+/-).



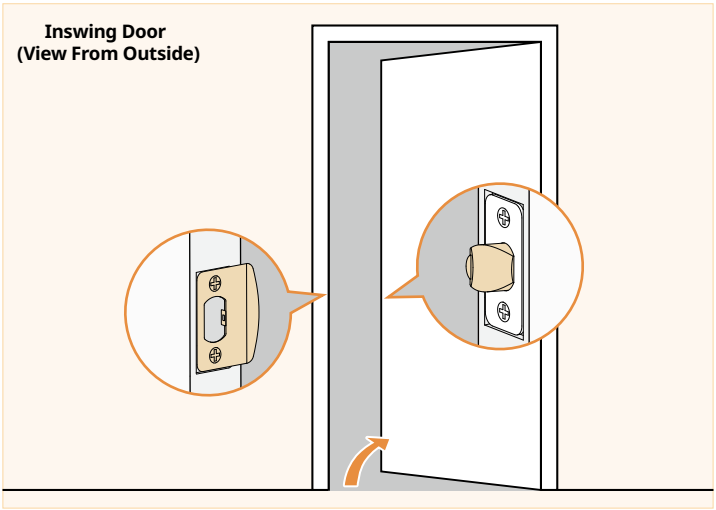
5 Replace the battery cover.

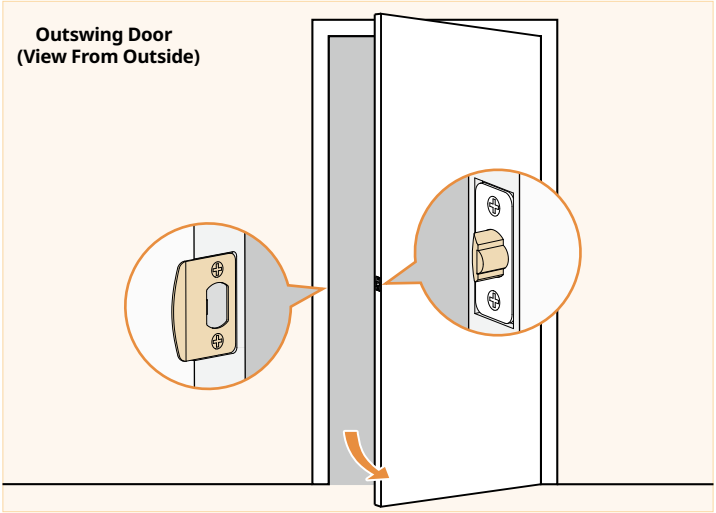


Step 4 Install the Strike Assembly

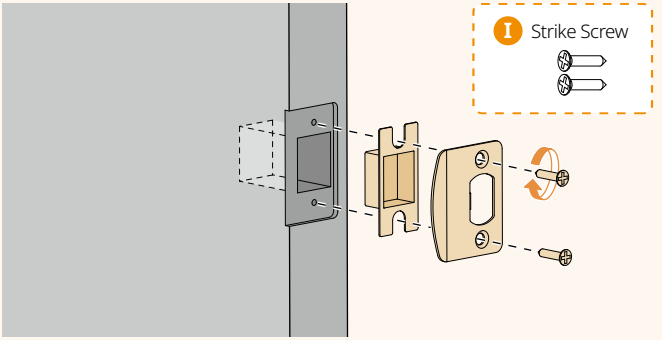
1 Align the strike plate. The latch's bevel should first contact with the lip on the strike plate upon closure to guide the bolt into place and prevent wear on the door jamb.

- Inswing door (opens inward): The lip extends into the room.
- Outswing door (opens outward): The lip extends toward the exterior.





2 Put the strike box into the recess and align the strike plate to the strike box. Before you finally tighten the strike plate, close the door and check if the latch can engage properly.



Checklist

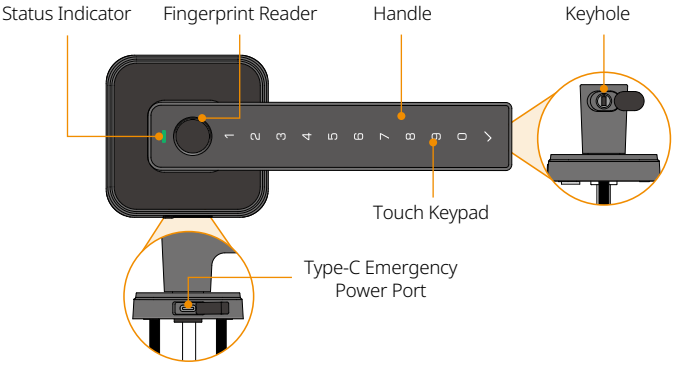
After installation is complete, please check the following items before the lock is activated.

- All screws are tightened.
- Use four AA 1.5V alkaline batteries, ensuring they are inserted with correct polarity as indicated in the battery compartment.
- A startup chime will sound and the digit 0 will blink after all batteries are installed.
- Either from indoors or outdoors, pressing down the handle should retract the bolt.
- Close the door and press against it to confirm it is tightly shut.

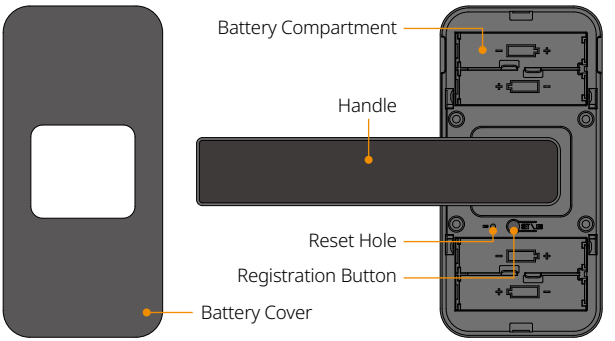
04 Overview

Panel

Outdoor Panel



Indoor Panel



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 beeps.

Touch Keypad



0 — 9 Digits can be entered

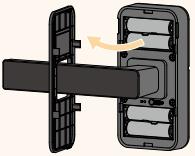
✓
- Confirm button;
- Lock activation: For some app operations, press and hold ✓ for 3 seconds to activate the lock.

Low Battery Alert

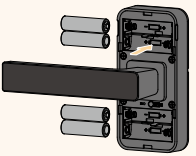
Replace batteries in time once the low battery alert goes off, signaled by the indicator rapidly blinking in red and warning chimes or by receiving push notifications.

- 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 or fingerprint unlocking may fail when the battery is low.

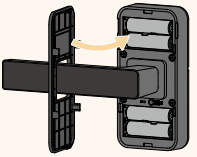
1
Slide to remove the battery cover.



2
Insert batteries. Pay attention to the polarity in the slot.

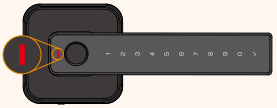


3
Replace the battery cover.

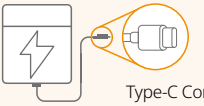


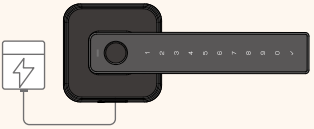
Emergency Power

1
Failed to unlock the door with low battery.



2
Find a power cable and a power bank.





3
Connect the power source to lock's emergency power port to temporarily power the lock, then unlock the door.

05 Settings

Connect the Lock to Network

After adding the lock to the Imou Life app, you gain full remote control. You can unlock the door from anywhere, generate temporary passcode for guests, create access methods, manage users, receive push notifications for lock activities, etc.

- Ensure the full-power batteries are correctly installed; otherwise, the lock may fail to connect to the network.
- If you already have Imou Life App, make sure it is the latest version.

Step 1 Get Imou Life App and Sign Up

1

Scan the QR code below or search for "Imou Life" in the mobile app store to download and install the app.



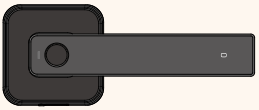
2

Launch the app. Create an account and log in, or just sign in to the existing account.

Step 2 Enter Lock's Pairing Mode

Initial state, no admin passcode set

For first-time use or after a reset, the lock automatically enters pairing mode upon powering on, indicated by a blinking "0" on the keypad.



The pairing mode lasts for about 2 minutes. If it times out, touch the keypad to reactivate.

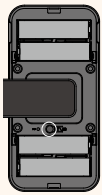
Post-setup, admin credential required

Manually initiate the pairing mode using the preset admin passcode or fingerprint.

If pairing times out, follow the steps below to restart the pairing process.

1

Press the registration button beneath the battery cover on the indoor panel.



2

Enter the preset admin passcode followed by ✓, or scan the admin fingerprint.



3

Press 0 to start pairing.

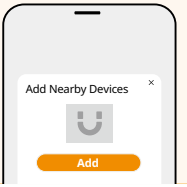


Step 3 Discover the Lock

Turn on Bluetooth and connect to Wi-Fi on your phone before launching the app.

If the lock is automatically discovered

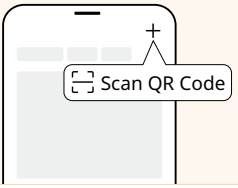
A pop-up notification will appear on the app's home page once the lock is detected. Tap **Add** to proceed.



If the lock is not automatically discovered

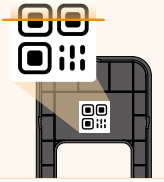
1

On the app's home page, tap + at the top right to scan the lock's QR code.



2

Remove the battery cover and scan the QR code on the back with the app.



Step 4 Add Lock to the App

Follow on-screen instructions to connect your lock to the Wi-Fi network and complete the setup in the app.

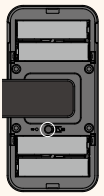


Set Up the First Admin Passcode

- An admin passcode must be created when first using the lock or after a factory reset. All other functions will remain inaccessible until this step is completed.
- Before setup, the lock works mechanically—simply pressing down the handle unlocks the door. Once an admin passcode is created, it automatically switches to secure mode, and unlocking then requires the passcode you set.
- The admin passcode cannot be 123456.
- Follow these instructions only if the lock has no admin passcode set (in its initial state). To add extra admin passcodes after setup, proceed to "Register Passcodes."
- By default, the first admin passcode is always assigned as the first passcode under the user ID 001.

1

Press and hold the registration button for 3 seconds (on the indoor panel beneath the battery cover).



2

Create a 6-12 digit admin passcode followed by ✓.



3

Repeat your admin passcode followed by ✓.

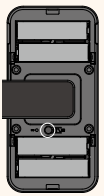


Enter Admin Mode

- You must enter admin mode whenever you need to perform some configurations such as registering entry methods, adjust system settings.
- Admin fingerprints provide an alternative verification method to the admin passcode for entering admin mode. For detailed registration instructions, please see the section "Register Fingerprint."

1

Press the registration button (on the indoor panel beneath the battery cover).



2

Enter the admin passcode followed by ✓, or scan the admin fingerprint.



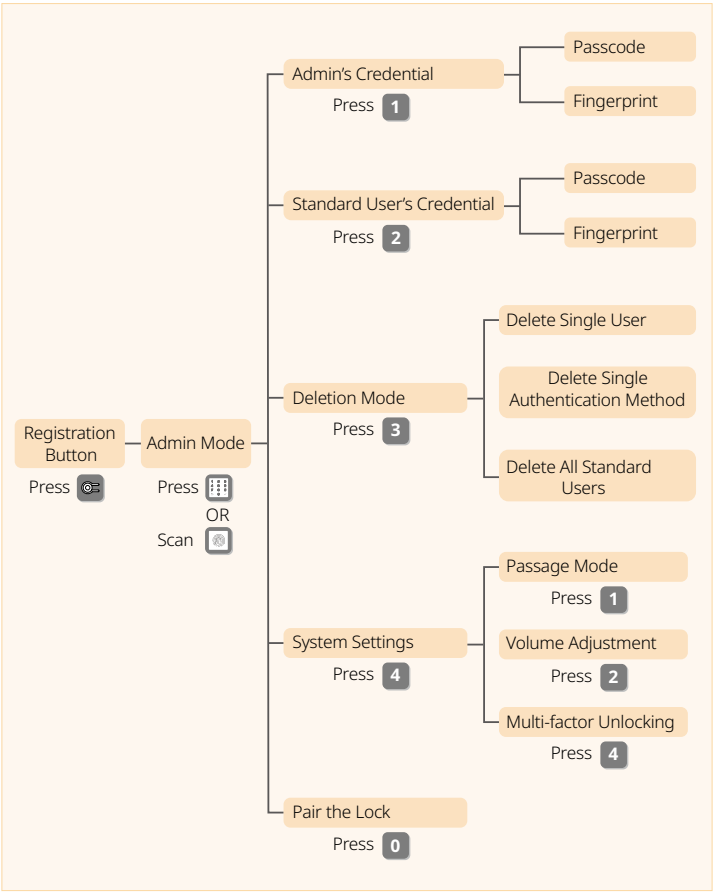
3

You are in the admin mode.



Quick Menu

- Enter admin mode whenever you need to perform some configurations such as registering entry methods, adjust system settings.
- Setups can also be performed via the Imou Life app.
- This operational menu is for reference only. The actual functionality is subject to the final implementation.



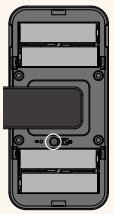
Before Registration

- The authentication methods (passcodes and fingerprints) can be registered in any order. You may start with any method and continue with the same type or switch to others.
- You can store up to 50 passcodes and 50 fingerprints separately. Each credential type can be allocated in any combination between admin and standard users.
- Upon beginning the registration, the user ID blinks (start from 002, as 001 is taken by the first admin), then the whole keypad lights up. Each ID is unique but can be assigned multiple verification methods. The user ID will update for the next registration once the current setup ends by successfully setting at least one access method. All IDs can be checked and managed from the app.
- Registration ends automatically after about 10 seconds of inactivity.
- Registered credentials cannot be changed on the lock, except for deletion. Please use the app to make any modifications.
- Functionality differs between admin and standard user credentials. Admin credentials provide both door entry and are mandatory to enter admin mode, while standard user credentials are limited to door access only.
- A passcode should consist of 6 to 12 digits. They cannot be 123456 and must be unique across all type of users.

Register Passcodes

1

Enter admin mode (refer to the section "Enter Admin Mode").



2

Press 1 to add an admin's credential.
Press 2 to add a standard user's credential.



3

After all keys illuminate, enter a 6–12 digit passcode followed by ✓, then confirm the passcode.



4

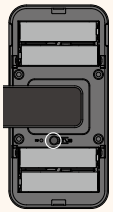
Repeat step 3 to register more passcodes, or alternate to fingerprints. To return, press the registration button once. To exit, press it twice.



Register Fingerprints

1

Enter admin mode (refer to the section "Enter Admin Mode").



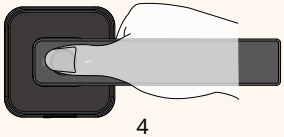
2

Press 1 to add a standard user's credential.
Press 2 to add an admin's credential.



3

After the current user ID stops flashing, place and lift your finger on the reader several times as indicated by the digits. Once registration is complete, the entire keypad will light up.



4

Repeat step 3 to register more fingerprints, or alternate to passcodes. To return, press the registration button once. To exit, press it twice.

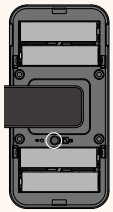


Delete Single User

- The last admin user holding the admin passcode cannot be deleted.
- When multi-factor authentication is enabled, at least one passcode and one fingerprint should be remained. To delete the user containing the last fingerprint, disable multi-factor authentication first.
- The system will reuse from the smallest deleted ID for new registrations. For example, if only 003 exists, new IDs will be assigned as 001, 002, then 004.

1

Enter admin mode (refer to the section "Enter the Admin Mode").



2

Press 3 for deletion mode.



3

To delete a specific user, enter the user ID (e.g., "003"), then press ✓. A short chime will indicate successful removal.



4

To continue deleting, repeat step 3. To return, press the registration button once. To exit, press it twice.

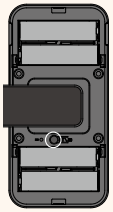


Delete Single Authentication Method

- The last admin passcode cannot be deleted.
- When multi-factor authentication is enabled, at least one passcode and one fingerprint should be remained. To delete the last fingerprint, disable multi-factor authentication first.
- A user ID is automatically deleted once all its authentication methods are cleared. For new registrations, the system will reuse from the smallest deleted ID. For example, if only 003 exists, new IDs will be assigned as 001, 002, then 004.

1

Enter admin mode (refer to the section "Enter Admin Mode").



2

Press 3 for deletion mode.



3

Delete a passcode: Enter the specific passcode, then press ✓.
Delete a fingerprint: Scan the specific fingerprint.



4

Press ✓ to confirm deletion, then the entire keypad will light up. To continue deleting, repeat step 3. To return, press the registration button once. To exit, press it twice.



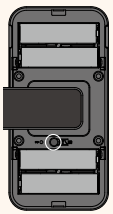
Delete All Standard Users

In this mode, all standard users and their corresponding access methods will be deleted simultaneously.

When multi-factor authentication is enabled, at least one passcode and one fingerprint should be remained. If fingerprints are only registered to standard users, please turn off multi-factor authentication before performing the group deletion.

1

Enter admin mode (refer to the section "Enter Admin Mode").



2

Press 3 for deletion mode.



3

To delete all standard users and their authentication methods, press and hold ✓ for 3 seconds. The keypad will turn off upon successful deletion.



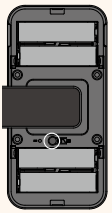
Passage Mode

In passage mode, the door can be directly unlocked without any authorized entry methods, which means you can access freely.
To unlock the door after the passage mode is activated:

- With passcode: Touch the keypad to wake it up, then press ✓.
- With fingerprint: Scan any of the fingerprint.

1

Enter admin mode (refer to the section "Enter Admin Mode").



2

Press 4 for system settings.



3

Press 1 to set up the passage mode.



4

Press 1 to turn on the mode. Press 2 to turn off the mode. The keypad will turn off upon successful operation.



Set Up Volume

The default volume is set to level 3, adjustable from 0 (silent) to 5 (highest). This setting controls sounds like keypad tones during input, unlocking chimes, and incorrect entry verification.

Important warnings (such as lockout and low battery alerts), and all system sounds played during admin mode are fixed and cannot be adjusted.

1

Enter admin mode (refer to the section "Enter Admin Mode").



2

Press 4 for system settings.



3

Press 2 to set up the volume.



4

Press 1 to increase the volume. Press 2 to decrease the volume. An alert beep will sound when you exceed the adjustable range.



Multi-factor Authentication

By enabling the multi-factor authentication, you are allowed to access after verifying both the passcode and fingerprint together. Unlocking solely using the passcode or the fingerprint is not supported.

Make sure you have at least registered one fingerprint and one passcode before turning on the multi-factor authentication.

1

Enter admin mode (refer to the section "Enter Admin Mode").



2

Press 4 for system settings.



3

Press 4 to set up the multi-factor authentication.



4

Press 1 to turn on the mode. Press 2 to turn off the mode. The keypad will turn off upon successful operation.

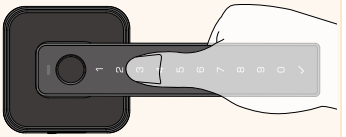


06 Unlock Door

- If your fingerprint or passcode fails verification for 5 times within 5 minutes, the lock will be disabled for 90 seconds, and the failed method will be temporarily blocked as well. The system will automatically recover after the lockout period, or you can restore it immediately by holding the registration button for 3 seconds, using the app to unlock remotely, or switching to an alternative access method that remains available.
- The system supports anti-peeping passcode entry for security. To use it, add fake numbers before or after your real passcode (i.e., random digit + correct passcode + random digit). The total input must not exceed 32 digits.

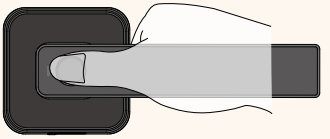
Use Passcode

Touch to wake up the keypad and enter the passcode followed by ✓. Press down the handle to unlock the door after the verification is successful.



Use Fingerprint

Keep the registered finger on the fingerprint reader. Press down the handle to unlock the door after the verification is successful.

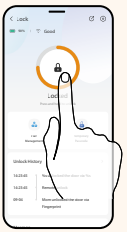


Multi-factor Authentication

Verify the passcode and the fingerprint to unlock the door, with no particular order.

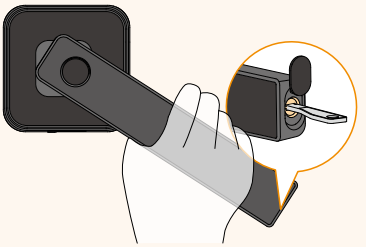
Use App

After "Remote Unlock" is enabled within the app, press and hold the unlock button. Press down the handle to unlock the door after the process is complete.



Use Mechanical Key

Remove the keyhole cover on the outdoor handle. Insert the key and turn it to the limit, then press down the handle to unlock the door.



07 Parameters & Help

Specification

Specifications are subject to change without notice. The final product as delivered shall prevail.

Item	Description
Keypad Type	Touch keypad
Passcode Capacity	50
Passcode Length	6 to 12 digits
Anti-peep Code	When you unlock the door, add any digits before or after the actual passcode (max.32 digits in total).
Fingerprint Capacity	50
Fingerprint Module	Capacitive reader
Multifactor Authentication	With passcode and fingerprint together
Remote Unlock	Available in bidirectional communication mode
Operating Voltage	4.5–6.5 VDC, four 1.5V AA alkaline batteries
Battery Lifespan	With 10 times unlocking per day, the default unidirectional communication mode is about 12 months usage while bidirectional communication mode (switchable in the app) is about 4 months.
Low Power Alarm	≤4.8 VDC
Temporary Power	Supply power through Type-C emergency port
Lockout Threshold	The lock will be disabled for 90 seconds after continuous failed unlocking attempts with passcode (5 times), or fingerprint (5 times) in 5 minutes.
Door Thickness	35 mm (1-3/8") –55 mm (2-1/8")
Positioning	Backset: 60 mm (2-3/4") or 70 mm (2-3/8")
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	10%–93%
Factory Reset	Yes, with button
Wi-Fi Compatibility	Requires 2.4/5 GHz Wi-Fi network

Troubleshooting

Problem	Solution
I cannot open the door after it is verified.	Ensure your lock is correctly installed and the lock body works well; otherwise contact the product supplier.
Key stuck in the lock cylinder.	Ensure your key is turned to its original position.
Lock does not respond and it alerts low battery.	Connect to external power source through Type-c port, unlock the door, and then replace batteries.
There are scratches on the touch keypad.	The protective film can be easily scratched. Please remove it before use.
I cannot wake up the keypad.	Please place your palm on the keypad for about 1 s.
The door keeps locked after I entered the passcode.	• Ensure your passcode is correct. • Please enter the passcode followed by ✓. • If multifactor-authentication is enabled, door access is granted only after successful verification of both the passcode and fingerprint.
I cannot remotely unlock the door with the app.	Ensure the function is turned on in the app.

Get IMOU Support

To get support for IMOU products and services, such as FAQ, warranty, manuals, and contact information, please scan the QR code below or visit https://www.imou.com/support

If you have any questions or suggestions, please contact us at service.global@imou.com

For more information about IMOU, please visit https://www.imou.com