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# User Manual

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K1-W 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

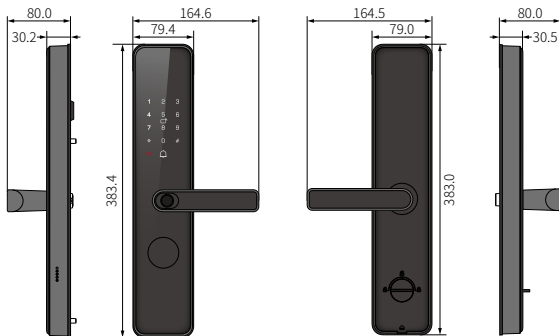
As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing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

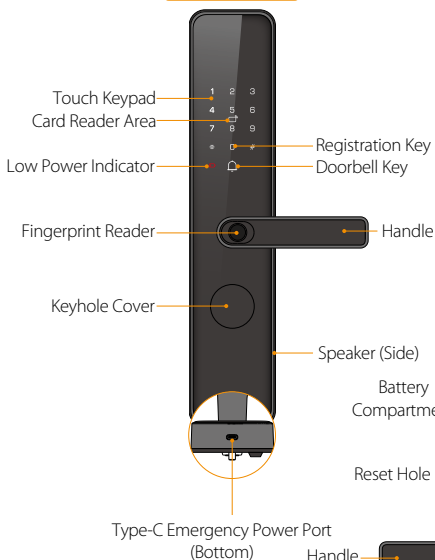
Panel (unit: mm)



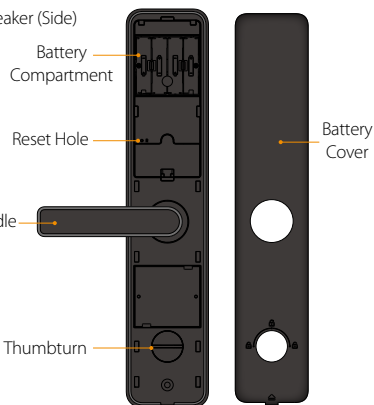
# 02 Overview

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.
    - "0": Press and hold 0 to enter/exit registration.
  - In registration mode:
    - "1": Press 1 to set up passcode.
    - "2": Press 2 to set up card.
    - "3": Press 3 to set up fingerprint.
    - "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.

- Red indicator light**
  - Please replace batteries in time when the indicator lights up in red.

## Low Battery Alert

Please replace batteries in time once the low battery alarm goes off.

- i**
  - Always ensure positive (+) and negative (-) directions correct when inserting batteries.
  - To avoid battery leakage, check them regularly (every 6 months recommended).
  - Do not mix new and used batteries.
  - Passcode, card or fingerprint unlocking might be invalid when the battery is low.

## Emergency Power

**1**  
Failed to unlock the door with low battery.



**2**  
Find a charging cable and a power bank.

**3**  
Connect the Type-C port to the power bank to charge the lock, and then you can unlock the door.

# 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.
- The default admin passcode is 123456. The lock stays in trial mode before you change that passcode.
- For the sake of security, you are required to create your own admin passcode (other than 123456) before activating other unlocking methods.
- When the lock is in user mode, it cannot be unlocked with the admin passcode.

<b>1</b>	<b>2</b>	<b>3</b>
Wake up the keypad; press and hold 0 to enter the registration mode.	Enter 6-12 new admin passcode followed by #.	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."

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Wake up the keypad; press and hold 0 to enter the registration mode.	Press 1 to enter admin mode.	Enter the admin passcode followed by # or verify by the admin fingerprint.	You are in Admin mode.
			





## Register Passcode

- 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.

<p><b>1</b></p> <p>Enter admin mode (find details on section "Admin Mode").</p> 	<p><b>2</b></p> <p>Press 1 to enter passcode registration.</p> 	<p><b>3</b></p> <p>Press 1 to add user passcode.</p> 	<p><b>4</b></p> <p>Enter 6–12 digit passcode followed by #, then confirm the passcode.</p> 	<p><b>5</b></p> <p>Press 1 to continue; press * to return; press and hold 0 to exit.</p> 
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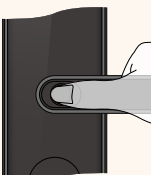

## Register Card

- 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.

<p><b>1</b></p> <p>Enter admin mode (find details on section "Admin Mode").</p> 	<p><b>2</b></p> <p>Press 2 to enter card registration.</p> 	<p><b>3</b></p> <p>Place the card on the reader until you hear a beep.</p> 	<p><b>4</b></p> <p>Press # to save the setting.</p> 	<p><b>5</b></p> <p>Press 2 to continue; press * to return; press and hold 0 to exit.</p> 
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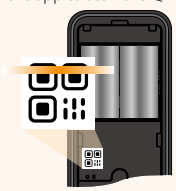
## Register Fingerprint

- 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.

<p><b>1</b></p> <p>Enter admin mode (find details on section "Admin Mode").</p> 	<p><b>2</b></p> <p>Press 3 to enter fingerprint registration.</p> 	<p><b>3</b></p> <p>Hold your finger on the reader and follow the voice guide to complete the registration.</p> 	<p><b>4</b></p> <p>Press 3 to continue; press * to return; press and hold 0 to exit.</p> 
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## Connect the Device to the Network




After adding the lock to the Imou Life app, you can generate temporary passcode, manage users, receive push notifications, view unlocking history, etc.

<p><b>1</b></p> <p>Download and install the Imou Life app. Create an account and log in.</p>	<p><b>2</b></p> <p>Open the indoor panel cover, and tap + at the upper right corner on the homepage of the app to scan the QR code.</p>	<p><b>3</b></p> <p>Follow the on-screen instructions in the app to connect the lock to the network and add it to the app.</p>
		

- 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.




## Set Up Volume

- i** The lock is silenced if you decrease the volume to the lowest. There will be no doorbell ringtone or voice guide on unlocking the door.

<p><b>1</b></p> <p>Enter admin mode (find details on section "Admin Mode").</p>	<p><b>2</b></p> <p>Press 8 to enter volume settings.</p>	<p><b>3</b></p> <p>Press 1 to turn up volume. Press 2 to turn down volume.</p>
		

## 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.

<p><b>1</b></p> <p>Enter admin mode (find details on section "Admin Mode").</p>	<p><b>2</b></p> <p>Press 9 to enter tamper alarm settings.</p>	<p><b>3</b></p> <p>Press 1 to enable the tamper alarm. Press 2 to disable the tamper alarm.</p>
		

## Multi-delete



In admin mode:

**[\*+1]** Clear all registered passcodes.

**[\*+2]** Clear all registered cards.





**[\*+3]** Clear all registered fingerprints.

**[\*+0]** Reset network connection.

- i** Admin passcode cannot be deleted.
- Please disable multi-factor authentication in the app (in case it is enabled) if you want to delete all passcodes or fingerprints 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.

1	2	3	4
Wake up the keypad. Press and hold 0 to enter the registration mode.	Press 2 to enter the user mode.	Press the specific digit that stands for an access method. Follow voice guide to complete deletion.	Press # to confirm. Press * to return to the upper menu.
			

## Passage Mode

As the door stays open during the passage mode, press down the handle to unlock it.

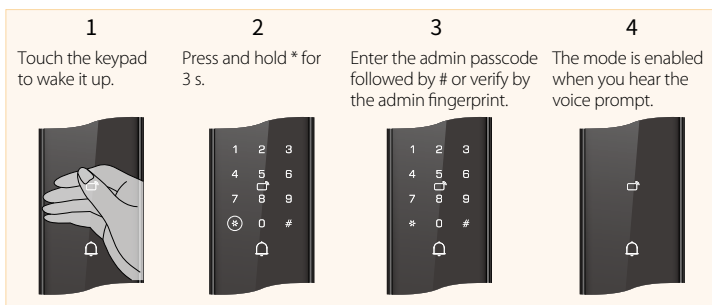
1	2	3	4
Touch the keypad to wake it up.	Press and hold # for 3 s.	Enter the admin passcode followed by # or verify by the admin fingerprint.	The mode is enabled when you hear the voice prompt.
			

- i** 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

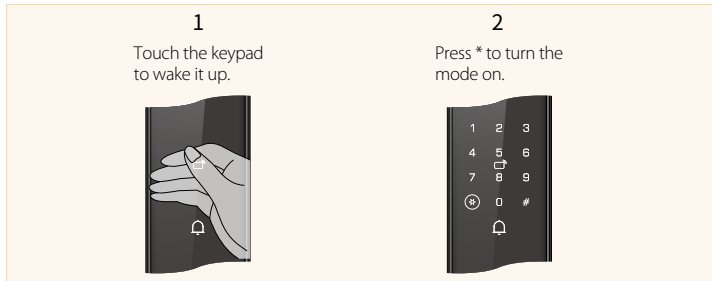
The door cannot be unlocked with any registered normal passcode, card or fingerprint. The doorbell keeps silenced when someone presses it.



- Either passcode or fingerprint from the admin 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.


## One-time Silence Mode

The sound will be mute for a single time on doorbell rings, locking and unlocking the door.



# 04 Lock/Unlock Door

## Unlock Door From Outside

 If you had several failed unlocking attempts within 5 minutes, the lock will be disabled for 3 minutes and then recovers.

- Incorrectly enter the passcode for 3 consecutive times.
- Failed to read the card for 3 consecutive times.
- Failed to read the fingerprint for 5 consecutive times.

### Use Passcode

Wake up the keypad. Enter the passcode followed by #. Press down the handle to unlock the door according to the voice guide.



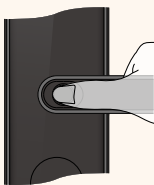
### Use Card

Swipe the registered card on the card reader. Press down the handle to unlock the door according to the voice guide.



### Use Fingerprint


Place the registered finger on the fingerprint reader until you hear a beep. Press down the handle to unlock the door according to the voice guide.



### Use Mechanical Key

Press down the top of the keyhole cover, then rotate it to open. Insert the key into the keyhole and turn the key to its limit. Press down the handle to unlock 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.

## Unlock Door by Multi-factor Authentication (Passcode + Fingerprint)

- ⚠️ By enabling the multi-factor authentication in the Imou Life app, you are allowed to access after verifying the passcode and the fingerprint together. Unlocking with solely the passcode or the fingerprint is not supported. For detailed guidance, please refer to the instructions in the Imou Life app.
- If you had several failed unlocking attempts within 5 minutes, the lock will be disabled for 3 minutes and then recovers.
  - Incorrectly enter the passcode for 3 consecutive times.
  - Failed to read the card for 3 consecutive times.
  - Failed to read the fingerprint for 5 consecutive times.

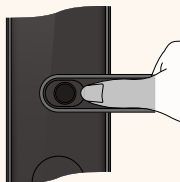
### Verify Passcode

Touch the keypad to wake it up. Enter the registered passcode followed by #. After the verification is successful, follow the voice guide to verify the fingerprint.



### Verify Fingerprint

Swipe the registered fingerprint on the fingerprint reader. After the verification is successful, press down the handle to open the door.

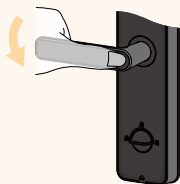


- ⓘ You can transpose the verification order of the fingerprint and the passcode.

## Open/Lock Door from Inside

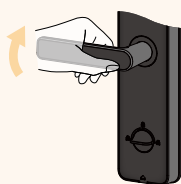
### Open from Inside

Press down the handle to unlock the door.



### Lock from Inside

Lift up the handle to lock the door after the door is closed.



### Privacy Locking

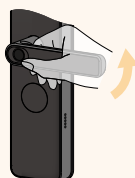
Turn the thumbturn to lock position according to the actual door opening direction.



- ⓘ When the privacy lock is used, it prevents the door being opened from the outside and you can only unlock the door by turning the thumbturn to unlock position.

## Lock from Outside

After the door is closed, lift up the handle to secure it.



## Specification

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

Item	Description
Card Type	Mifare 1
Read Distance	<10mm(0.39")
Response Time	<0.5s
Card Capacity	10
Keypad Type	Touch keypad
Passcode Length	6 to 12 digits
Passcode Capacity	10
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
Passcode + Fingerprint Unlock	Yes
Operating Voltage	4.5–6.5 VDC, four 1.5V AA alkaline batteries
Battery Lifespan	About 12 months with 10 times unlocking per day
Low Power Alarm	≤4.8 VDC
Backup Power	Supply power through Type-C port
Lockout Threshold	The lock will be disabled for 3 minutes after continuous failed unlocking attempts with passcode (3 times), card (3 times), or fingerprint (5 times) in 5 minutes.
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, with button
Doorbell	Yes
Wi-Fi Compatibility	Requires 2.4 GHz Wi-Fi network

## Troubleshooting

Problem	Solution
I cannot open the door after swiping the card correctly.	Ensure your lock is correctly installed and the lock body works; otherwise contact the product supplier.
Key stuck in the lock.	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.	<ul style="list-style-type: none"><li>• Ensure your passcode is correct.</li><li>• Please enter the passcode followed by #.</li><li>• Check if the lock is in Do Not Disturb mode.</li></ul>

## Get IMOOU Support

To get support for IMOOU products and services, such as FAQ, warranty, manuals and contact information, please scan the QR code below or visit

<https://www.imou.com/support>



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