NOTE
- If the unlock button interface is displayed, the pairing is successful. If pairing failed, the system prompts "Device is not found, please check if the door is unlocked."
- The Bluetooth disconnects automatically if the Bluetooth function is disabled on the mobile phone or the distance is beyond the Bluetooth connection range. In this case, the outer cycle of unlock button turns gray. The connection resumes if the Bluetooth function is enabled again on the mobile phone or the next time the mobile phone gets close.

Deleting Settings

[*+1]: Clear the registered password.
[*+2]: Clear the registered card.
[*+3]: Clear the registered fingerprint.
[*+4]: Clear the paired Bluetooth device.

Chinese and English Voice Prompt Settings

1 Press Registration Button.

2 Tap and hold * for 3s. The switch is completed when you hear voice prompt.

Passage Mode

In the passage mode, lock handle is always effective. Pushing down the lock handle each time can always open the door.

1 Touch to wake up the keypad.

2 Tap and hold # for 3s.

3 Enter admin password, and then tap #.

4 The passage mode is enabled when you hear voice prompt.

Use admin password or admin fingerprint to enter or exit passage mode. To exit the passage mode, touch to wake up the keypad, tap and hold # for 3s, enter admin password when you hear a beep, and then tap #.

DND Mode

In the DND mode, all registered passwords, cards, and fingerprints are restricted.

1 Touch to wake up the keypad.

2 Tap and hold * for 3s.

3 Enter admin password, and then tap #.

4 The DND mode is enabled when you hear voice prompt.

- To exit DND mode, touch to wake up the keypad, tap and hold * for 3s, enter admin password when you hear a beep, and then tap #.
- In the DND mode, the lock can be opened with admin password or admin fingerprint. To unlock with admin password, tap *, enter admin password, and then tap #.

04 Basic Operations

Opening Door with Password

This product has security protection function. If a wrong password is entered for 3 times continuously, the system will be locked forcibly for 3 minutes. After 3 minutes, the system will be unlocked automatically. You can also press Registration Button for 3s to unlock the system.

1 Touch to wake up the keypad.

2 Enter the registered password, and then tap #.

3 When the voice prompts "Please open", push down the handle to open the door.

This product has peeking-proof function. Any numbers can be entered before and after the registered password. (For example, any numbers + registered password + any numbers).

Opening Door with Card

This product has security protection function. If an invalid card is swiped for 5 times continuously, the system will be locked forcibly for 3 minutes. After 3 minutes, the system will be unlocked automatically. You can also press Registration Button for 3s to unlock the system.

1 Put the card near panel, above the doorbell icon.

2 When the voice prompts "Please open", push down the handle to open the door.

- The system prompts "Invalid" if an unregistered card is used.
- Any damaged card cannot be used. If registered card is not deleted, it is suggested that the invalid card should be cut into pieces and then discarded. Moreover, please register new card timely.

Opening Door with Fingerprint

This product has security protection function. If a wrong fingerprint is read for 8 times continuously, the system will be locked forcibly for 3 minutes. After 3 minutes, the system will be unlocked automatically. You can also press Registration Button for 3s to unlock the system.

1 Put your finger onto fingerprint reader. There will be a beep when you touch the reader.

2 When the voice prompts "Please open", push down the handle to open the door.

Opening Door with Physical Key

- Keep physical key properly for future use.
- To open the door, always turn the physical key counterclockwise.
- The key can be pulled out after returning to original position.

1 Insert the key from the bottom.

2 Turn the key counterclockwise for 180°, and push down the handle to open the door.

180°

Closing Door and Locking

Lift up the handle to lock the door as shown in the following figures.

Outdoor Locking

Indoor Locking

Technical Parameters
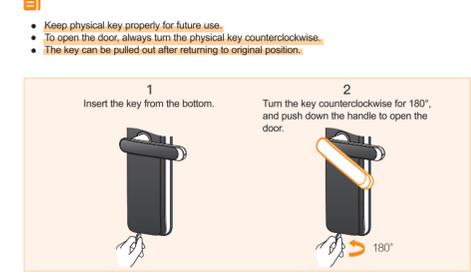
The parameters might be different depending on the model you purchased, and the actual product shall prevail.

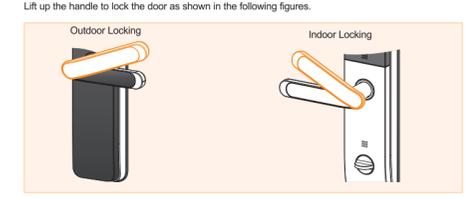| Parameter	Description
Fingerprint module	Capacitive (biotech)
Fingerprint capacity	50
Card type	Mifare 1
Card feature	Non-contact, high security, anti-copy encryption, special-purpose card
Induction distance	< 20 mm
Induction time	< 0.5 s
Card capacity	50
Keypad type	Touch key
Password length	6 digits–12 digits
Password capacity	50
Peeking-proof password	Any numbers can be added before and after the unlock password.
Working voltage	4.5V DC–6.5V DC. Four 1.5V AA alkaline batteries
Battery life	About 12 months (10 times/day)
Low power alert	< 4.8V DC
Backup power	Micro USB port
Auto locking	In case of 3 continuous wrong passwords, 5 continuous wrong cards or 8 continuous wrong fingerprints, the system will be locked for 3 minutes
Applicable door thickness range	42 mm–95 mm
Positioning dimension	60 mm edge distance and 68 mm center distance
Working temperature	–10℃ to +55℃
Relative humidity	10%–93%
Restore factory defaults	Supported
System reset	Supported
Doorbell	Supported
Built-in buzzer	Supported
Built-in speaker	Supported
Chinese and English voice	Supported

FAQ

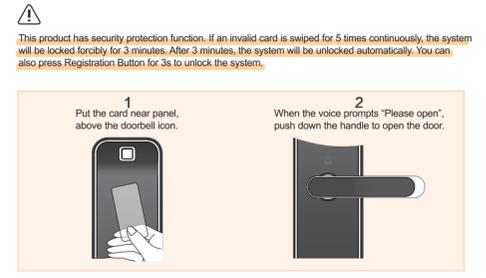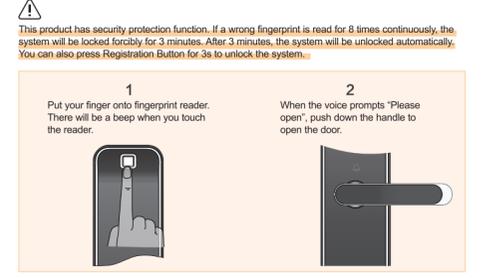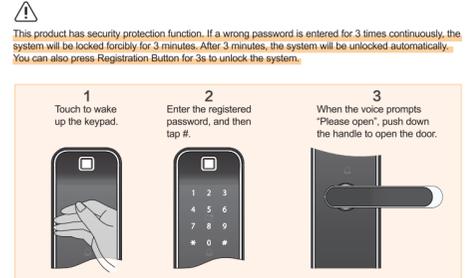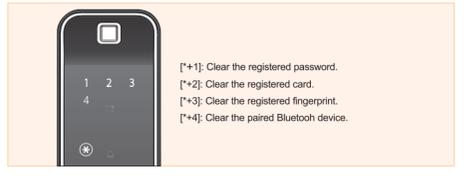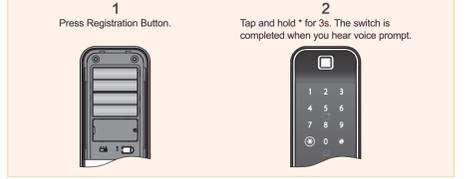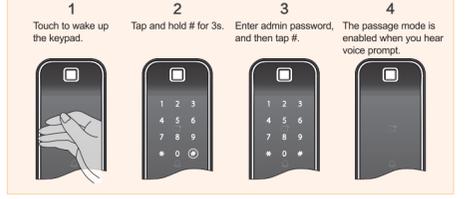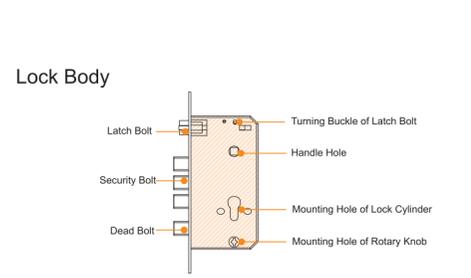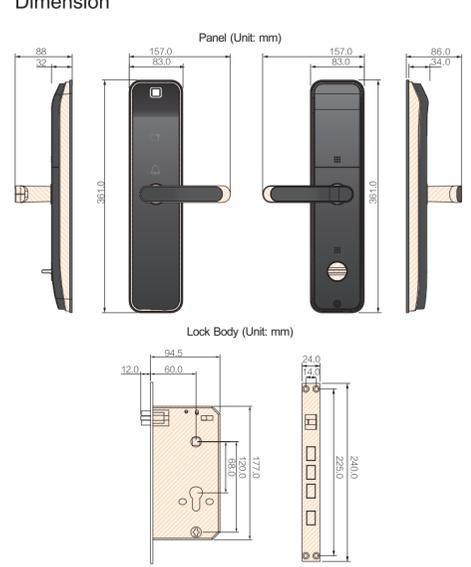| Question	Solution
Card reading is valid, but the door cannot be opened.	There might be installation misplacement or mechanical faults. Please contact the customer service.
The key cannot be pulled out, rotated, or open the door.	• Check whether the key is returned to original position completely. • To open the door, rotate the key and then push down the handle.
There is no response to operations and the system prompts low power.	Connect the emergency power to open the door, and then replace the battery timely.
There are scratches on the touch panel of the new Smart Lock.	Remove the protective film from the panel prior to use.
The touch panel cannot be wakened up.	Your palm shall stay on the touch panel for about 1s.
The password cannot unlock the door	• Check whether password is correct. • Check whether # is tapped at the end of operation. • Check whether the lock is in DND mode.

User's Manual

K2 Smart Lock
V1.0.0

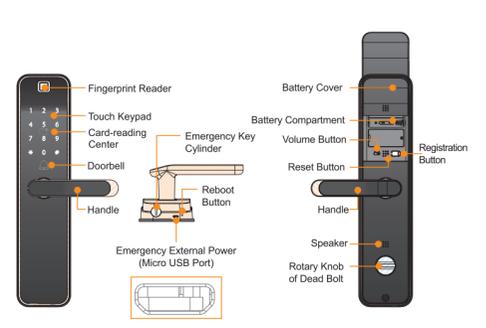1.231.32.15722.000

Important Safeguards and Warnings

This part describes the contents about proper handling, hazard prevention, and prevention of property damage. Read these contents carefully before using the product, comply with them when using, and keep it well for future reference.

Operation Requirement
- Do not disclose your password to others. Change password regularly.
- Do not fill water into the product on purpose.
- Replace the battery in case of low voltage.
- When installing battery, make sure the positive and negative pole directions are the same as the indications in battery compartment. Wrong direction might cause faults such as rupture, leakage, and overheating.
- Do not touch the keys frequently or touch the keys with the hard objects such as ball pen.
- During cleaning, do not wipe the product with strong acid, strong alkali, corrosive organic solvents, or polishing objects, to avoid damaging the appearance.

Privacy Protection Notice
As the device user or data controller, you might collect personal data of others, such as face, fingerprints, car plate number, Email address, phone number, GPS and so on. You need to be in compliance with the local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures, including but not limited to: providing clear and visible identification to inform data subject the existence of surveillance area and providing related contact.

About the Manual
- The manual is for reference only. If there is inconsistency between the manual and the actual product, the actual product shall prevail.
- We are not liable for any loss caused by the operations that do not comply with the manual.
- The manual would be updated according to the latest laws and regulations of related regions. For detailed information, see the paper user's manual, CD-ROM, QR code or our official website. If there is inconsistency between paper user's manual and the electronic version, the electronic version shall prevail.
- All the designs and software are subject to change without prior written notice. The product updates might cause some differences between the actual product and the manual. Please contact the customer service for the latest program and supplementary documentation.
- There still might be deviation in technical data, functions and operations description, or errors in print. If there is any doubt or dispute, please refer to our 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 the company names in the manual are the properties of their respective owners.
- Please visit our website, contact the supplier or customer service if there is any problem occurred when using the device.
- If there is any uncertainty or controversy, please refer to our final explanation.

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01 Structure

Dimension

Panel (Unit: mm)

88
92
157.0
83.0

157.0
83.0

86.0
34.0

361.0

190.0

Lock Body (Unit: mm)

94.5
12.0
60.0
24.0

127.0
120.0
98.0

240.0
226.0

Lock Body

Latch Bolt — Turning Buckle of Latch Bolt

Handle Hole

Security Bolt — Mounting Hole of Lock Cylinder

Dead Bolt — Mounting Hole of Rotary Knob

Panel

Fingerprint Reader

Touch Keypad

Card-reading Center

Doorbell

Handle

Emergency External Power (Micro USB Port)

Battery Cover

Battery Compartment

Emergency Key Cylinder

Volume Button

Reset Button

Registration Button

Reboot Button

Handle

Speaker

Rotary Knob of Dead Bolt

Interface

- In the password entry status, 0–9 are entry keys.
- In the registration mode, the following numbers are function keys.

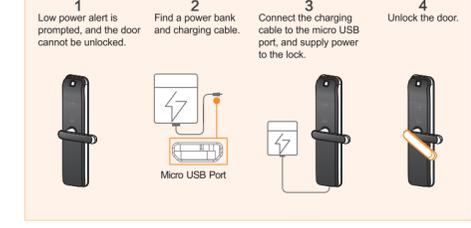| Number	Function
1	Password setting.
2	Card setting.
3	Fingerprint setting.

Card-reading central position.

- In the password entry status or registration mode, # is confirmation key.
- In the non-registration mode, tap and hold # for 3s to enter the passage mode.

- In the non-registration mode, tap and hold * for 3s to enter or exit the DND (do not disturb) mode.
- In the registration mode:
  * Tap * to return to upper level of menu (not applicable to first-level menu).
  * Tap * + function key to clear the registered information of this function.

Red indicator is ON: The battery is low and needs to be replaced.

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02 Instruction

Battery Replacement

When the voice prompts low power, replace the battery immediately.

- Make sure the directions of positive pole and negative pole are correct; otherwise the Smart Lock will not work.
- Battery leakage might cause product fault. Please check battery regularly (every six months).
- Mixed use of old and new batteries is prohibited.
- After low power alert is prompted, the password, card, or fingerprint operations might not work normally. If you press Registration Button, the voice prompts low power and new user cannot be added.

Emergency Power

1 Low power alert is prompted, and the door cannot be unlocked.

2 Find a power bank and charging cable.

3 Connect the charging cable to the micro USB port, and supply power to the lock.
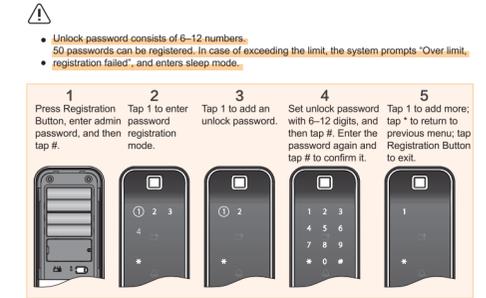
4 Unlock the door.

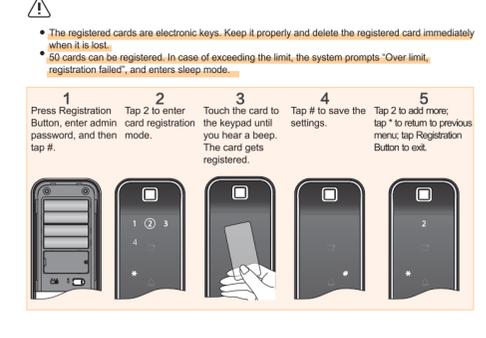Micro USB Port

03 Settings

Changing Admin Password

- The default admin password is 123456 and has unlock authority.
- The Smart Lock is in demo mode for the first installation, and you can open the door without password, fingerprint, or card.
- For your security, please change admin password; otherwise, you cannot register password, card or other relevant information. The admin password shall not be 123456.
- The admin password is not authorized with unlock function, so it cannot be used to open the door. The door can be opened with admin password only in DND mode.
- If you forget admin password, enter registration mode with admin fingerprint, and then change it.
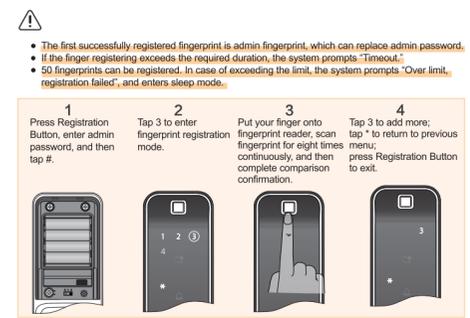
1 Press Registration Button, enter admin password, and then tap #.

2 Tap 1 to enter password registration mode.

3 Tap 2 to change admin password.

---

4 Set new admin password with 6–12 digits, and then tap #.

5 Enter new admin password again and then tap #.

Password Registration

- Unlock password consists of 6–12 numbers.
- 50 passwords can be registered. In case of exceeding the limit, the system prompts "Over limit, registration failed", and enters sleep mode.

1 Press Registration Button, enter admin password, and then tap #.

2 Tap 1 to enter password registration mode.

3 Tap 1 to add unlock password.

4 Set unlock password with 6–12 digits, then tap #. Enter the password again and tap # to confirm it.

5 Tap 1 to add more; tap * to return to previous menu; tap Registration Button to exit.

Card Registration

- The registered cards are electronic keys. Keep it properly and delete the registered card immediately when it is lost.
- 50 cards can be registered. In case of exceeding the limit, the system prompts "Over limit, registration failed", and enters sleep mode.

1 Press Registration Button, enter admin password, and then tap #.

2 Tap 2 to enter card registration mode.

3 Touch the card to the keypad until you hear a beep. The card gets registered.

4 Tap # to save the settings.

5 Tap 2 to add more; tap * to return to previous menu; tap Registration Button to exit.

Fingerprint Registration

- The first successfully registered fingerprint is admin fingerprint, which can replace admin password.
- If the finger registering exceeds the required duration, the system prompts "Timeout."
- 50 fingerprints can be registered. In case of exceeding the limit, the system prompts "Over limit, registration failed", and enters sleep mode.

1 Press Registration Button, enter admin password, and then tap #.

2 Tap 3 to enter fingerprint registration mode.

3 Put your finger onto fingerprint reader, scan fingerprint for eight times continuously, and then complete comparison confirmation.

4 Tap 3 to add more; tap * to return to previous menu; press Registration Button to exit.

Move your finger in different angles, and it will be easier to register your fingerprint successfully.

Bluetooth Pairing

CAUTION
- This function is only supported by Bluetooth series.
- Before setting Bluetooth function, please scan the QR code to download and install Smart Lock app.

Maximum 8 mobile clients can be paired to operate the functions such as unlocking, sharing temporary password, and querying unlocking records.

1 Press Registration Button, enter admin password, and then tap #.

2 Tap 4 to go to Bluetooth pairing mode.

3 Enable Bluetooth function, open the Smart Lock app on your mobile phone, and then follow onscreen instructions to complete pairing.

4 Tap 4 to add more; tap * to return to previous menu; press Registration Button to exit.