



Manual

Digital Door Lock

Semi Auto CL-L1



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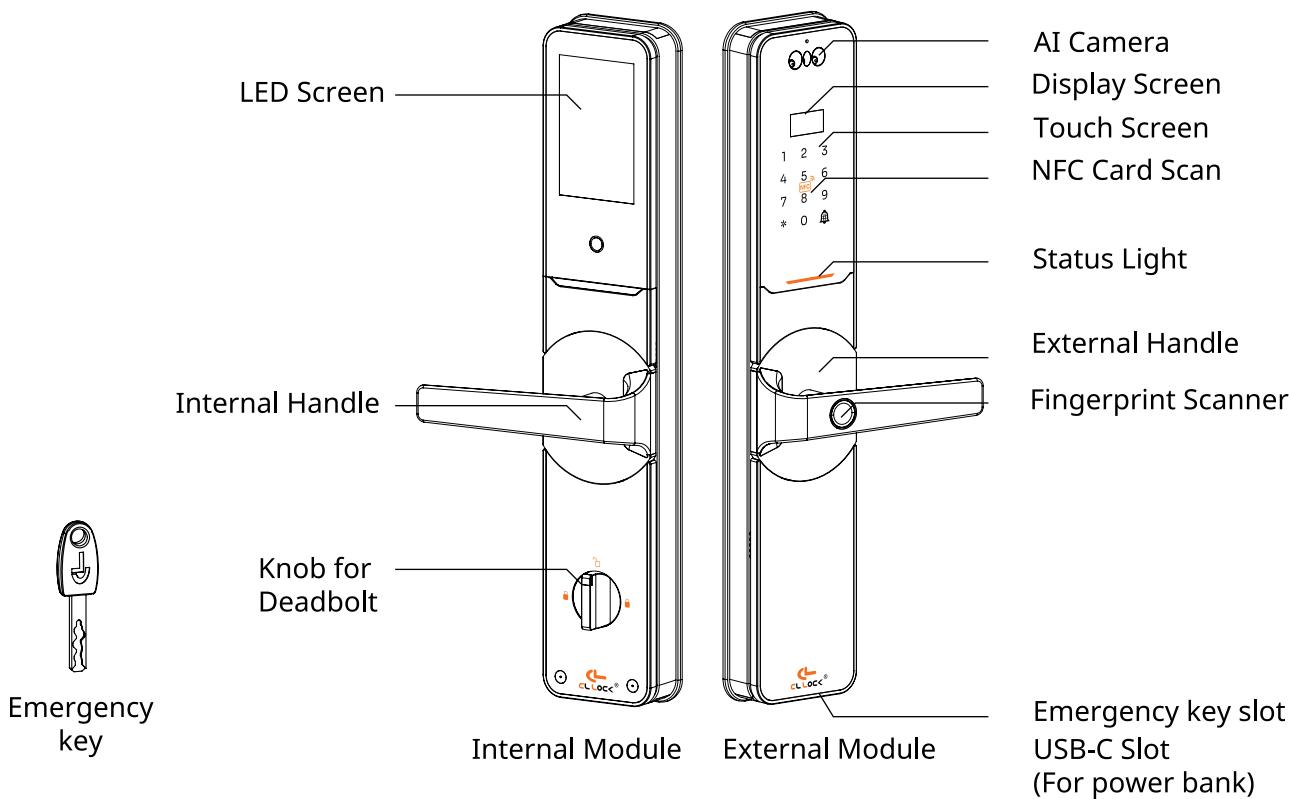
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SEMI-AUTO
DIGITAL DOOR LOCK
MODEL NO. **CL-L1**



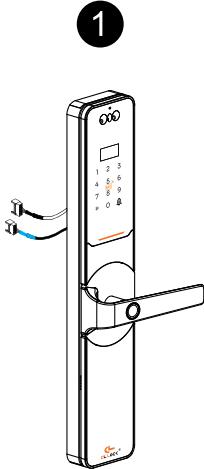
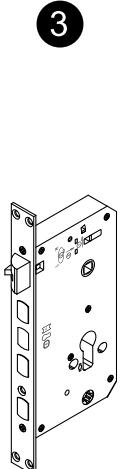
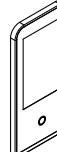
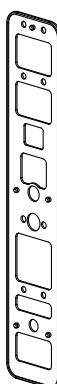
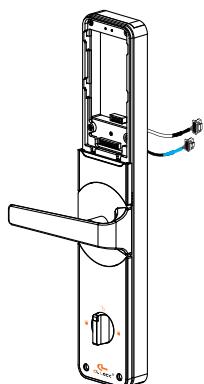
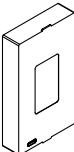
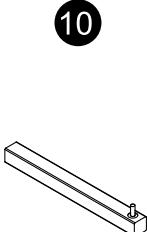
1. Components of the Digital Door Lock



2. Technical Parameters

Administrator:	9 users (No. 001–009)
User:	191 users No. 010–200)
Ways to Unlock:	Password, Fingerprint, Face scan, Palm scan, NCF card, Emergency key, Application.
Network:	Wi-Fi 2.4 G
Power:	Lithium-ion battery
Low Battery Warning:	7.2–7.0 V
Emergency Power Supply:	USB type C
Password Length:	6–12 digits
Product Dimensions:	Internal: 83 × 425 × 30.5 mm External: 83 × 425 × 33 mm

3. Accessories of the Digital Door Lock

						
External handle lock (1 set)	Rubber gasket for external handle lock (1 piece)	Mortise lock case 60/68 or 70/68 (1 set)	LED display set (1 screen)	Rubber gasket for internal handle lock (1 piece)	Internal handle lock (1 set)	Li-ion battery, 2 pieces
						
Screw M5 x 40 mm (4 pieces)	M5 screw connectors size 30 mm or 65 mm (4 pieces)	Lock bolt spindle size 68 mm (1 piece)	Deadbolt spindle size 55 mm (1 piece)	Locking clip wire for deadbolt spindle (1 piece)	Emergency key (2 pieces)	Screw hole cover (1 piece)
						
Tongue receiver box (1 piece)	Tongue plate (1 piece)	M4 x 20 mm screw for mortise lock (4 pieces) and for strike plate (4 pieces)	NFC card (2 pieces)			

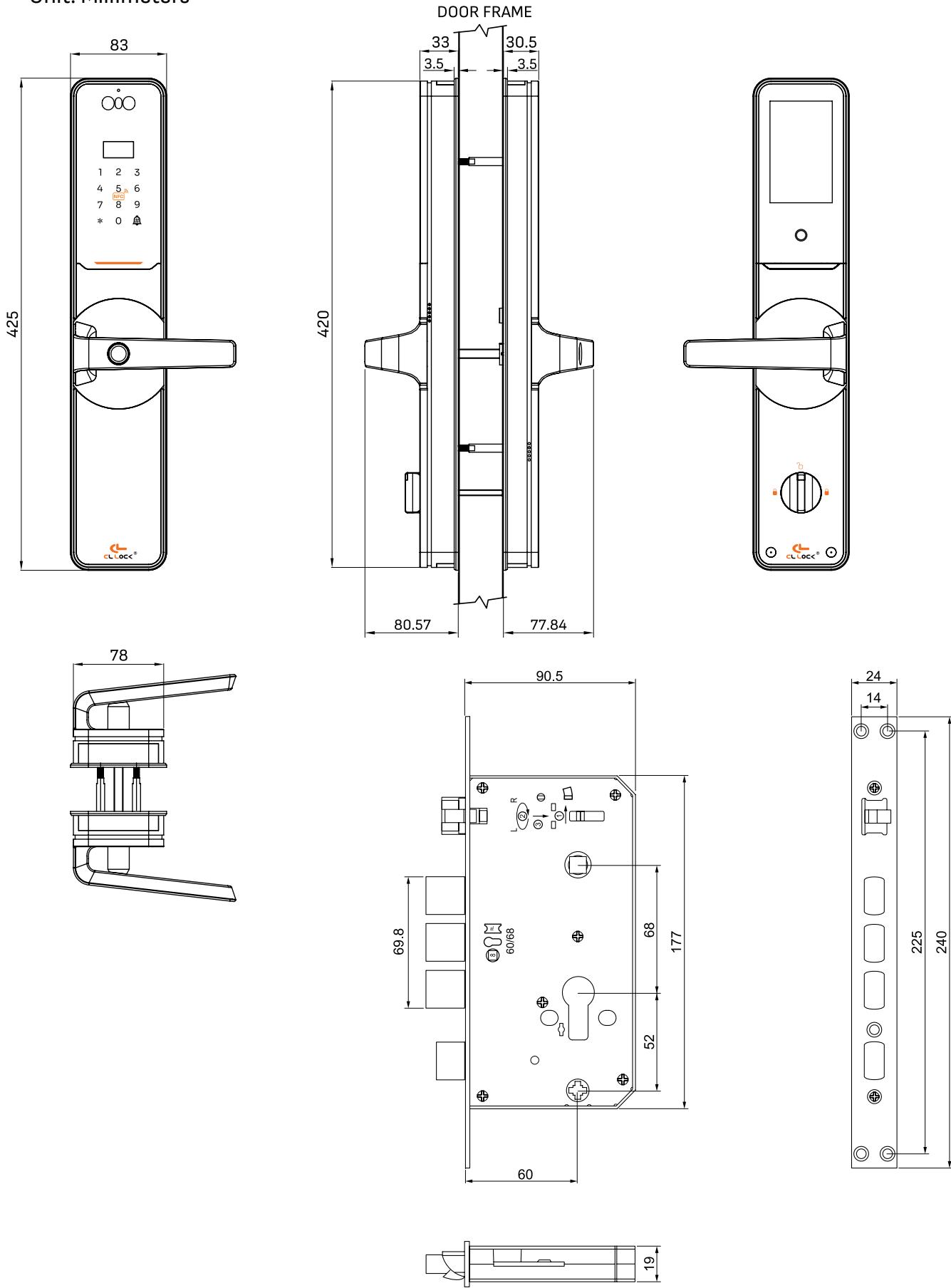
4. Additional Accessories for Door Thickness

Door thickness: 35–55 mm and 76 mm (3 inches). If the door thickness falls outside this range, please contact us for more information. Please select the appropriate accessories based on the door thickness.

No	Details	Specification (mm)	Door thickness and quantity	
			35-55mm.	76mm. (3 inch)
8	Screw M5 x 40mm.		4	4
9	M5 screw joint Size 30 mm. Size 65 mm.		4	-
			-	4
10	Lock tongue spindle		1	1
19	Screw M4 x 20mm.		8	8

5. Dimensions of the Digital Door Lock

Unit: Millimeters





6. Product Information

The factory default password is 123456. Before registering the administrator, fingerprint scan, face scan, palm scan, and card can be used.

1. Face Registration: Keep a distance of 0.5 – 0.8 meters in a well-lit area for proper registration. The angle should be between 15 degrees, with the height between 1.3 – 2 meters.

2. Palm Registration: Keep a distance of 0.5 – 0.6 meters in a well-lit area for proper registration. The palm should be at an angle between 75 degrees.

3. Face Usage: Ensure the face is at an angle of no more than 15 degrees in a height range of 1.3 – 2 meters.

4. Card Registration and Usage: Ensure the card is within 0 – 30 millimeters for proper registration and usage.

5. Fingerprint Registration: The fingerprint must be scan 5 times for successful registration

6. Incorrect Password Attempts:

More than 3 wrong attempts will trigger 1 warning.

More than 5 wrong attempts will trigger 2 warnings, and the system will be locked for 90 seconds.

7. Fake Password: Can be entered up to 12 digits.

8. Setting Thai Language (before user registration): Enter code 555666885 followed by #.

9. Stranger Detection Range: The system can detect a stranger within a range of 0.5 – 1.2 meters (depending on the environment).

10. Tampering Alert: If tampered with, the system will lock for 180 seconds (previously registered users can still unlock it).

FCC WARNING

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

Functionality

CL-L1



7. Functions and Usage

1. Explanation of Specifications and Functional Buttons

- 1.1 Admin refers to the system administrator or homeowner.
- 1.2 User refers to the user or other residents.

2. How to Unlock from Outside

- 2.1 Using face recognition, palm, fingerprint, password, card, mobile app, or emergency key.

3. How to Unlock from Inside

- 3.1 The mechanical system: Push the handle down, and the lock will unlock (see Section 11, Page 15).

4. How to Lock from Inside

- 4.2 The mechanical system: Push the handle up, and the lock will engage (see Section 11, Page 14).
- 4.3 Deadlock System: Turn the lock, and it will prevent external unlocking (see Section 12, Page 15).

5. How to Lock from Outside

- 5.1 The mechanical system: Push the handle up, and the lock will engage (see Section 10, Page 14).

6. Button Functions

- 6.1 Press * to go back.
- 6.2 Press # to confirm/agree.

7. Touch Screen Activation: Touching the screen will wake it up to start the operation.

8. Settings: Ensure the screen remains lit during the setup of all functions. If the screen turns off, you must start the setup process again.

9. After Successful Setup: You can press * to go back or wait for the system to automatically exit.

8.Factory Status

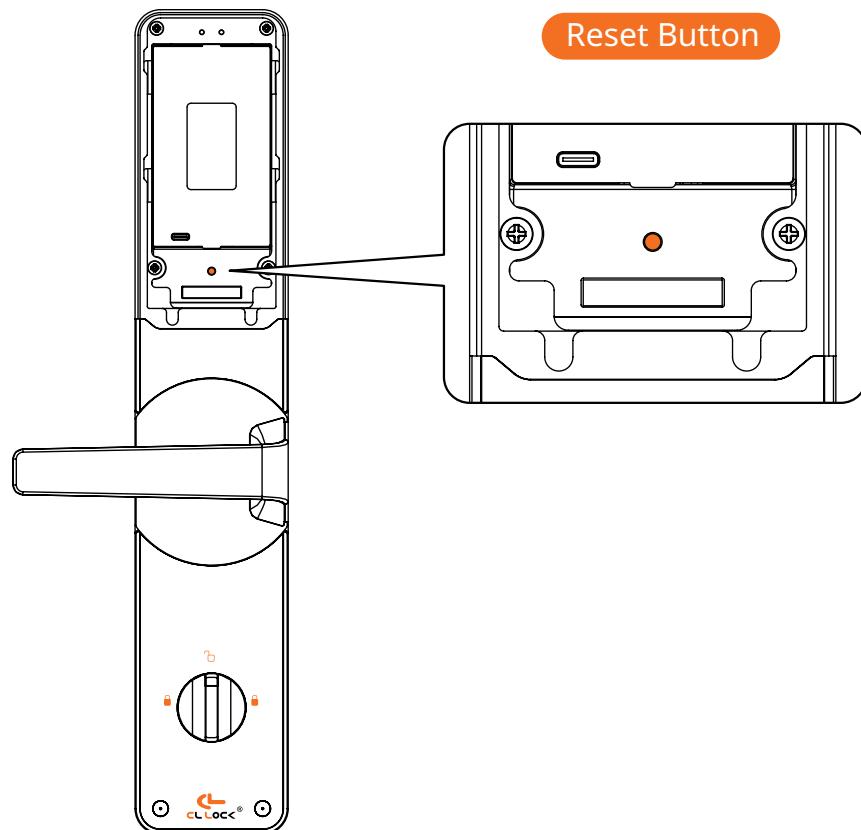
1. In factory status, before registration, face recognition, palm scan, fingerprint, or card can be used to unlock at any time.
2. The factory default password is 123456 # and is used to initialize the system. (After registering the first administrator, the factory password will no longer be valid.)

9.How to Reset or Restore Factory Settings

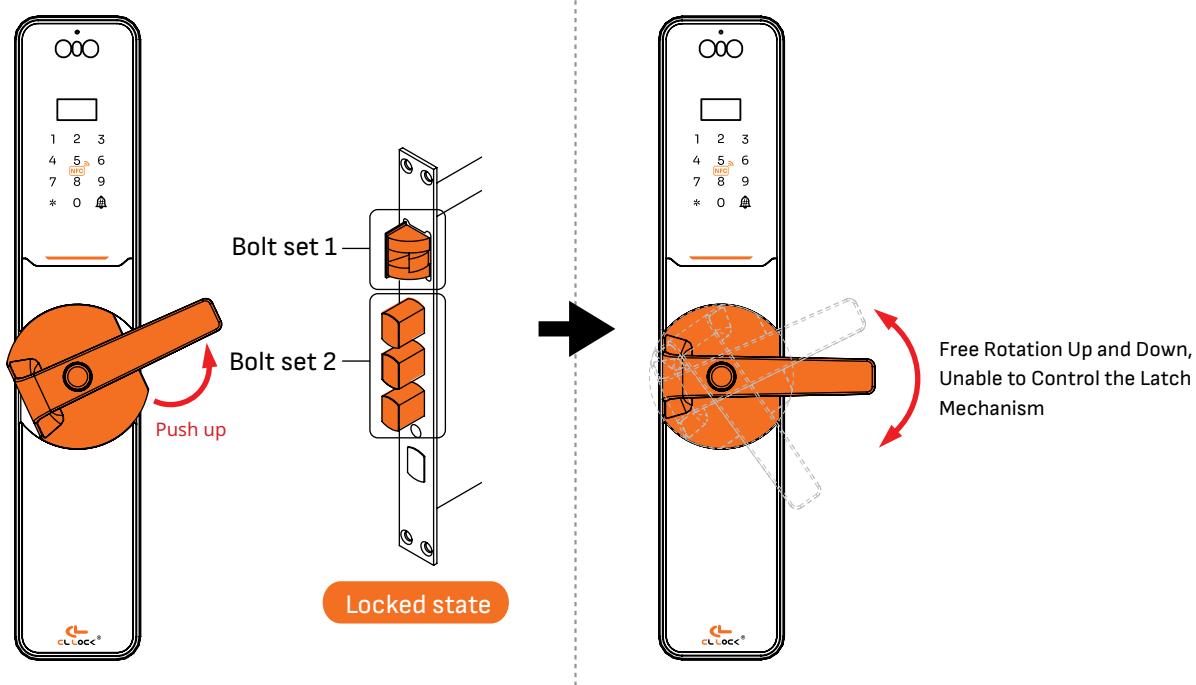
Reset Button (SET UP) is located inside, under the battery.

How to Use:

1. Open the battery cover.
2. Use a pointed object to press and hold the reset button (SET UP) for 5 seconds.
3. The administrator must authenticate, and the system will then restore to factory settings.



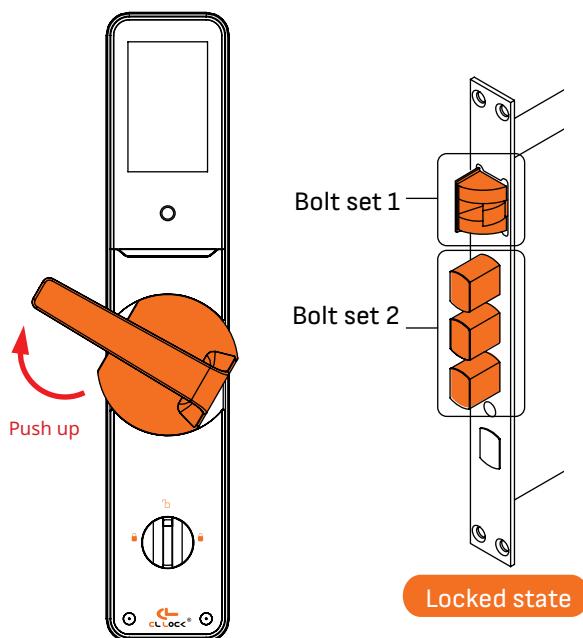
10. Locking the Latch with the Exterior Handle



Turn the Handle Up: Both latch sets will slide out and remain in **the locked position**. (When the key is in **the locked position**, the exterior handle can rotate freely without being able to control the locking or unlocking of the latch mechanism.)

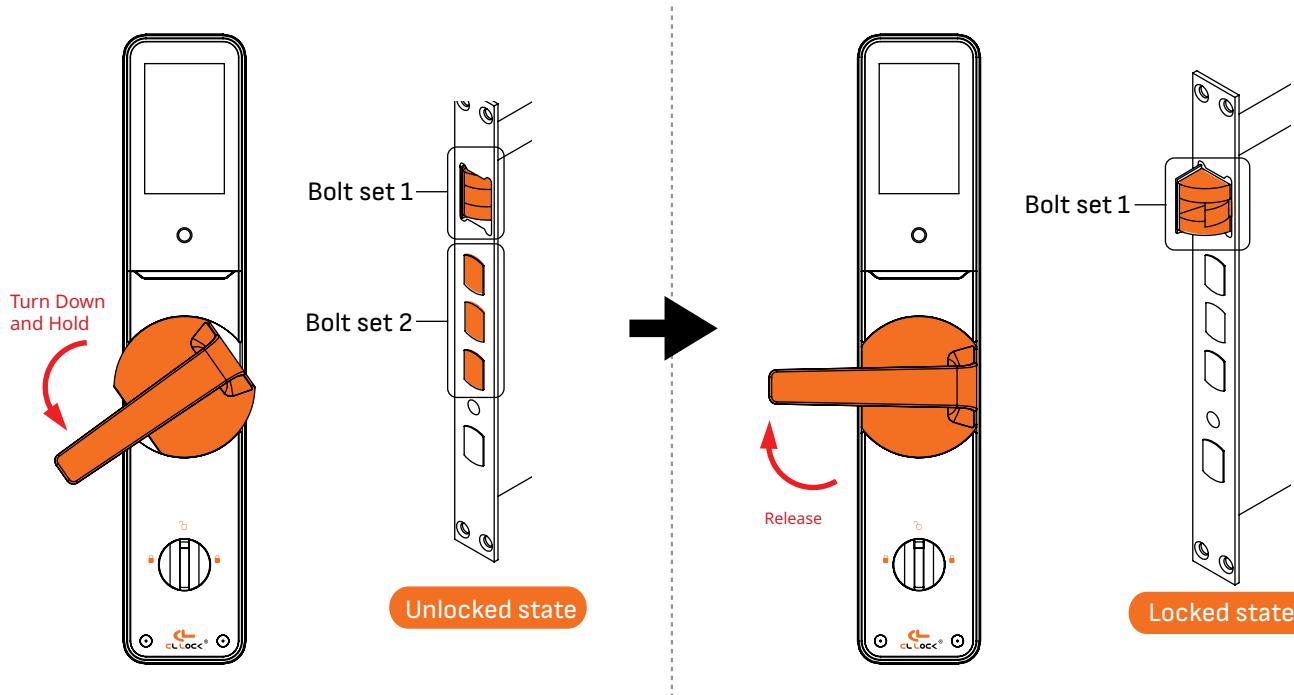
11. Locking and Unlocking the Latch Mechanism with the Interior Handle

Locking the Latch Mechanism with the Handle



- Push the lever up, both lock bolts extend and remain in **the locked state**

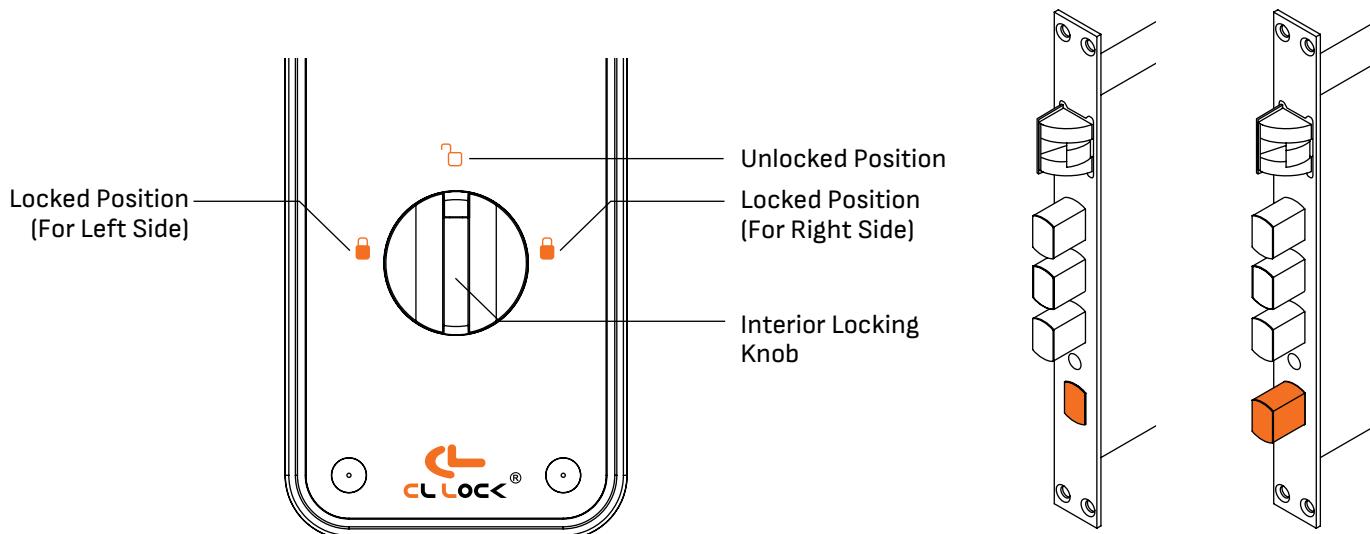
Unlocking the Latch Mechanism with the Handle



Turn the Handle Down and Hold: Both latch sets will slide in and remain in **the unlocked position**, allowing the door to be opened.

Release the Handle to Return to **the Default Position** (Automatically): The first latch set will slide out and remain in **the locked position**.

12. Locking and Unlocking the Deadbolt with the Interior Knob



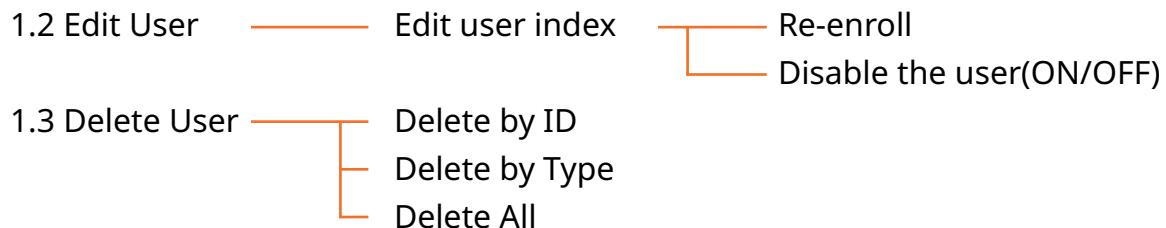
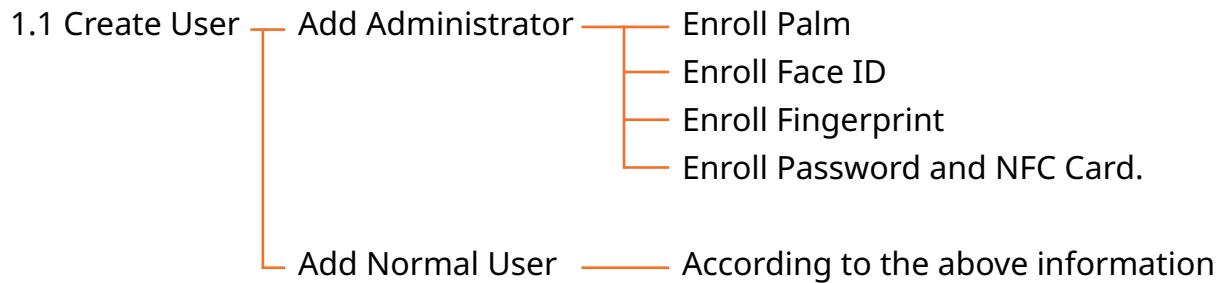
Turn the Interior Locking Knob 90 Degrees:

- To **the Locked Position**: The deadbolt extends (engages).
- To **the Unlocked Position**: The deadbolt retracts (disengages).

13. Setup Instructions

Enter Setup Mode: Press * and #, then enter the administrator password (factory default is 123456#).

1. User Management:



2. Remote Management



2.2 Delete Internet Connection

3. System Settings

3.1 Time Setting ————— Enter Date and Time

3.2 Language and Volume ————— Chinese

———— English

———— Volume Low

———— Volume High

3.3 Unlock Settings ————— Single Verify

———— Multiple Verify

———— Disable Verification (ON/OFF)

———— Anti Tampering (ON/OFF)

3.4 Lock Settings ————— Unlock Time (2-9 seconds)

———— Always open (ON/OFF)

———— Body Detect (ON/OFF)

———— Stranger Setting ————— Capture (ON/OFF)

———— Alarm (ON/OFF)

4. System query:

4.1 Record Manage ————— Sort by Order

———— Sort by Date

———— Clean Record

4.2 Storage Information

4.3 Version Information

4.4 Factory Reset

(In case you need to restore factory settings while inside, open the battery cover and use a pointed object to press and hold the reset button for 5 seconds. The system will prompt the administrator to verify their identity, after which the system will restore the factory settings.)



Unlock Capacity	
Fingerprint	Up to 50
Face Scan	Up to 100
Palm Vein	Up to 100
Password	Up to 200
NFC Card	Up to 200

Video Setup

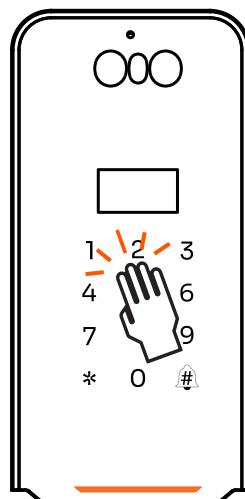
User Management

CL-L1

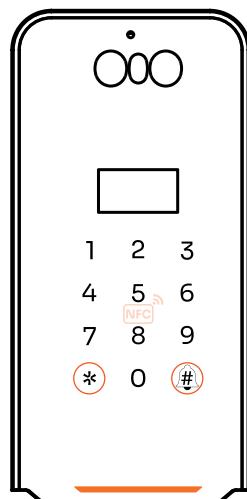




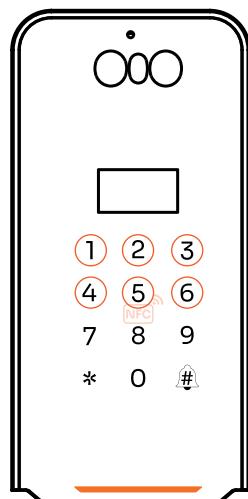
14. Add Administrator Password and NFC Card



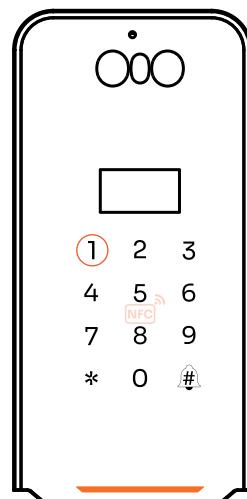
Touch the screen to light up



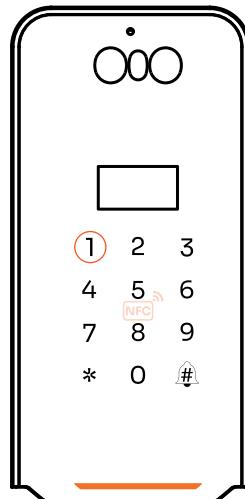
Press * followed by #



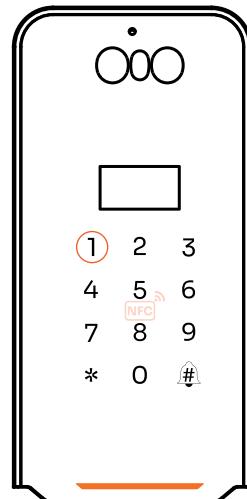
Enter the factory code (123456)



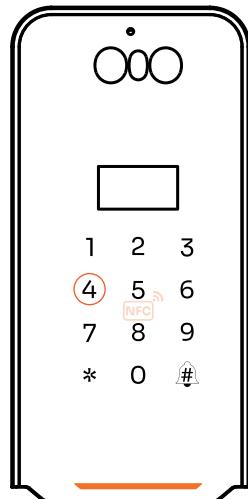
Press 1 User Management



Press 1 Add User



Press 1 Add Administrator



Press 4 Enroll Password and NFC Card

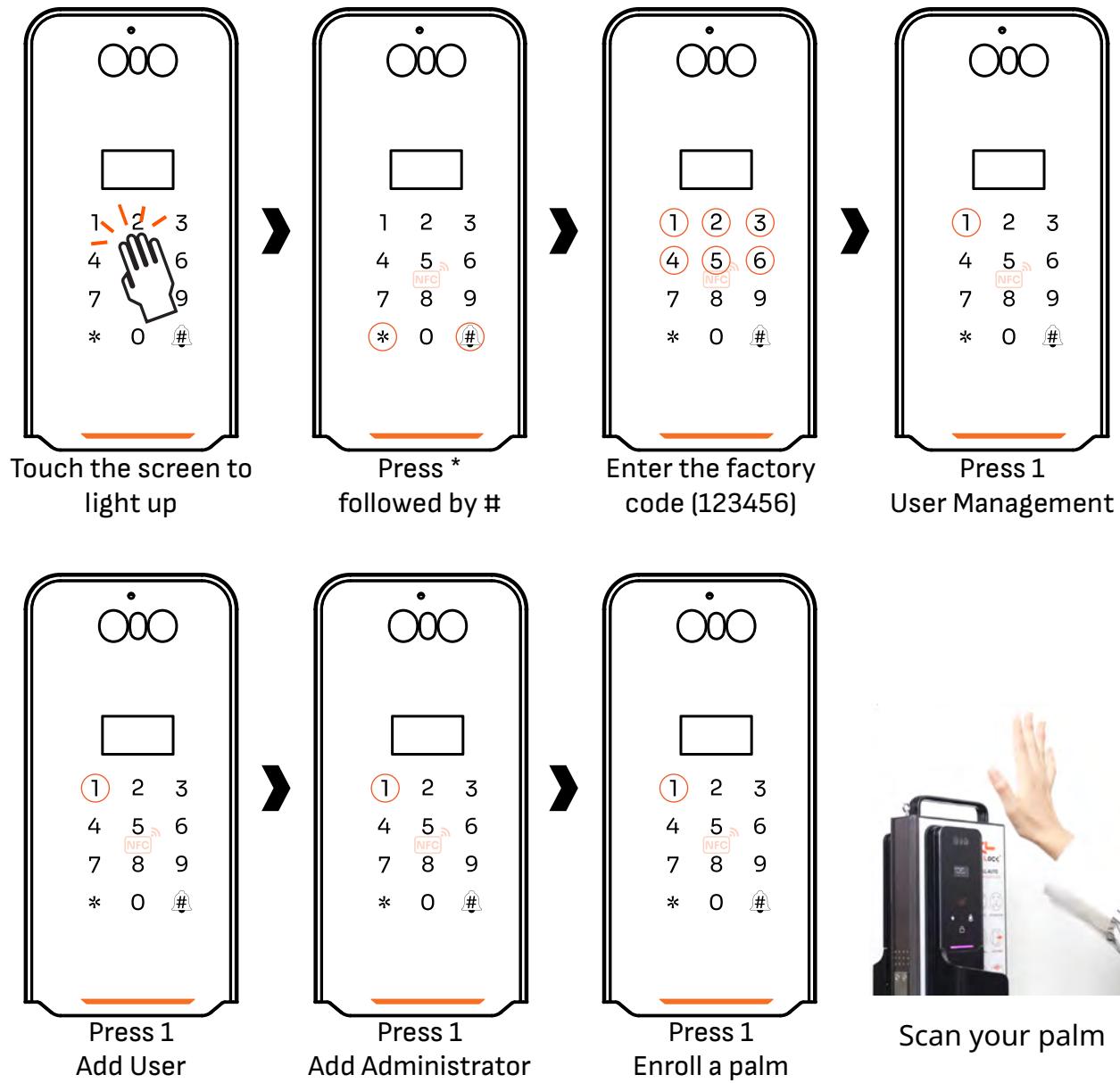


Enter a password of 6-12 digits or scan the NFC card

- After registering the first admin, the factory code will change to "Admin."
- When registering and using the NFC card, ensure the distance is between 0 - 30 millimeters for proper registration and usage.
- When registering a password, it must be entered twice to confirm the password.
- It is recommended to register the password first.



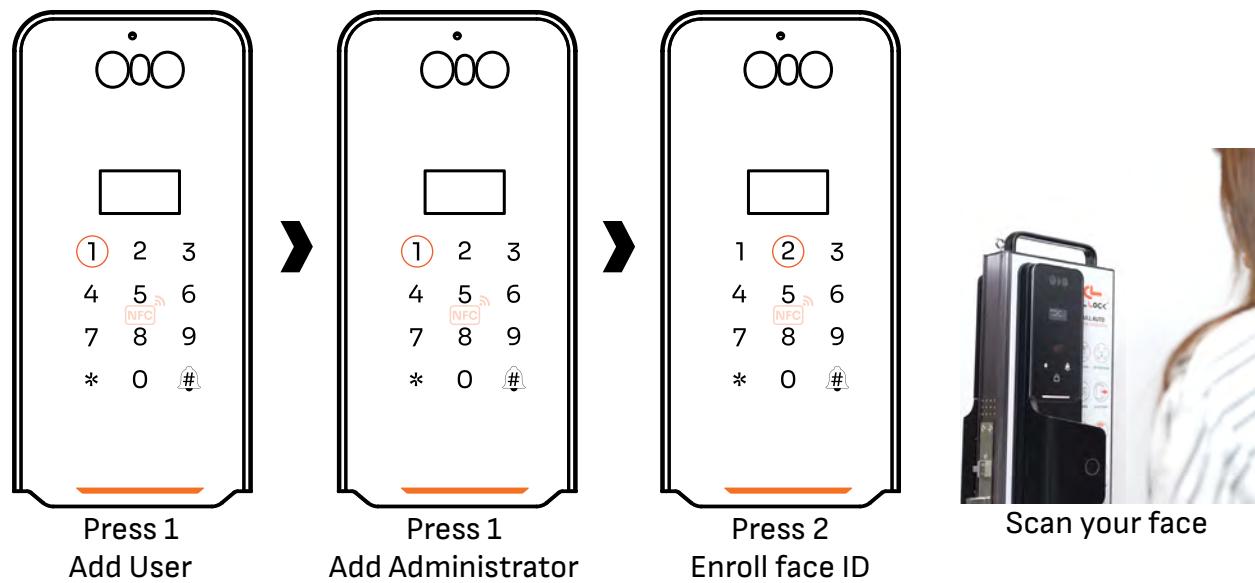
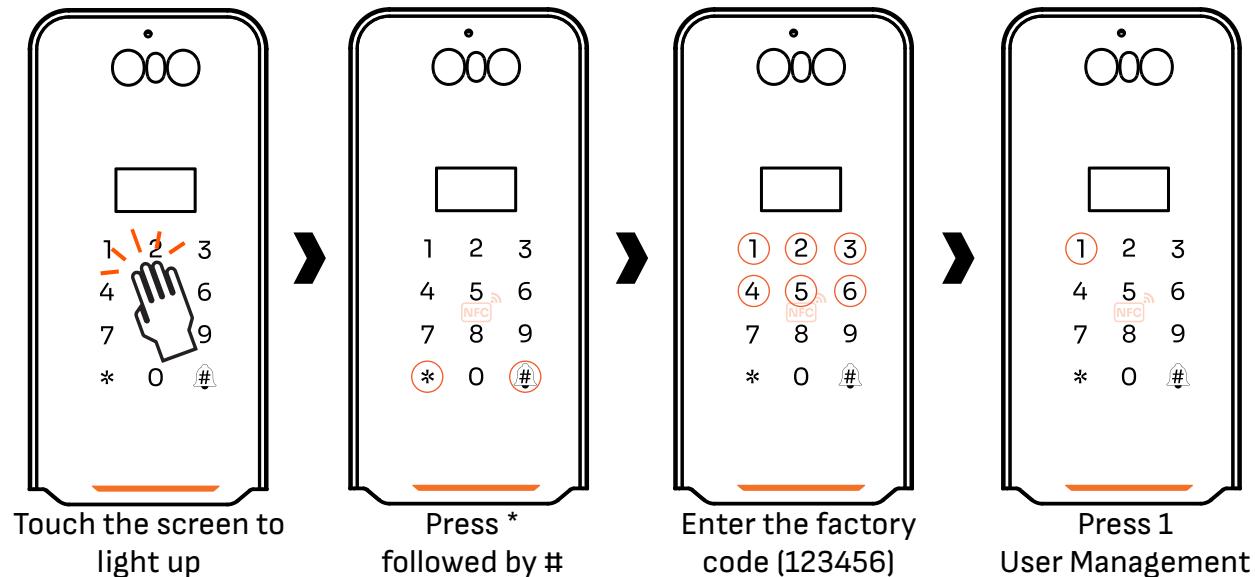
15. Add Administrator Palm Vein



- When registering a palm, maintain a distance of 0.5-0.6 meters in a well-lit area for optimal registration.
- While using the palm, ensure the angle is not higher or lower than 75 degrees.



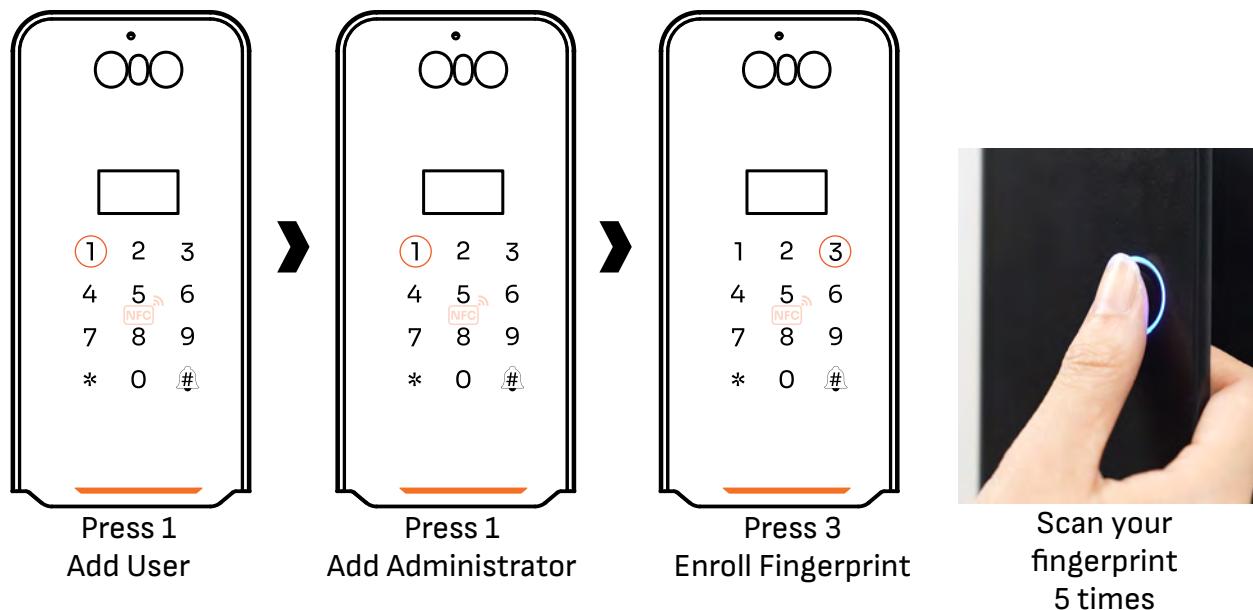
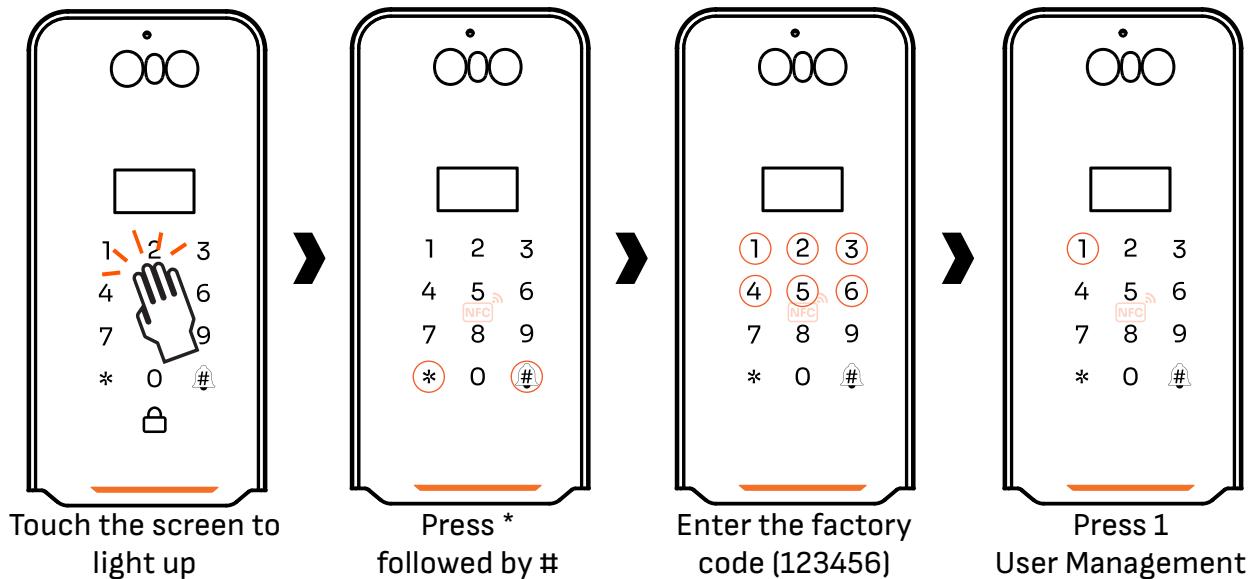
16. Add Administrator Face scan



- When registering a face, maintain a distance of 0.5 - 0.8 meters in a well-lit area for accurate registration.
- When using face recognition, ensure the angle is not higher or lower than 15 degrees, and the height is within 1.3 - 2 meters.



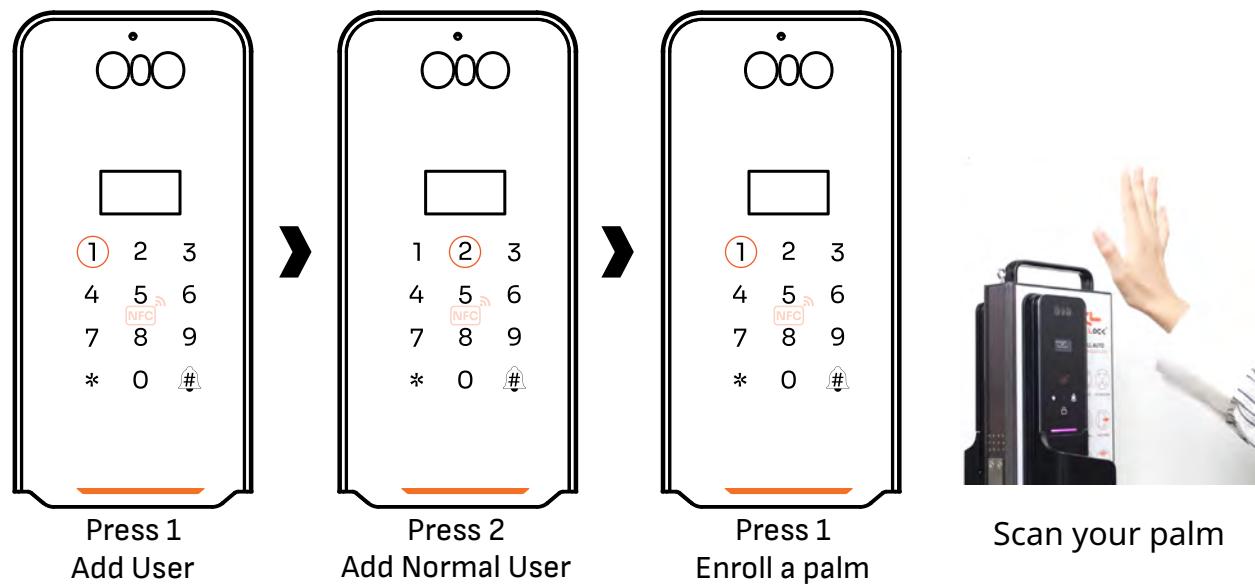
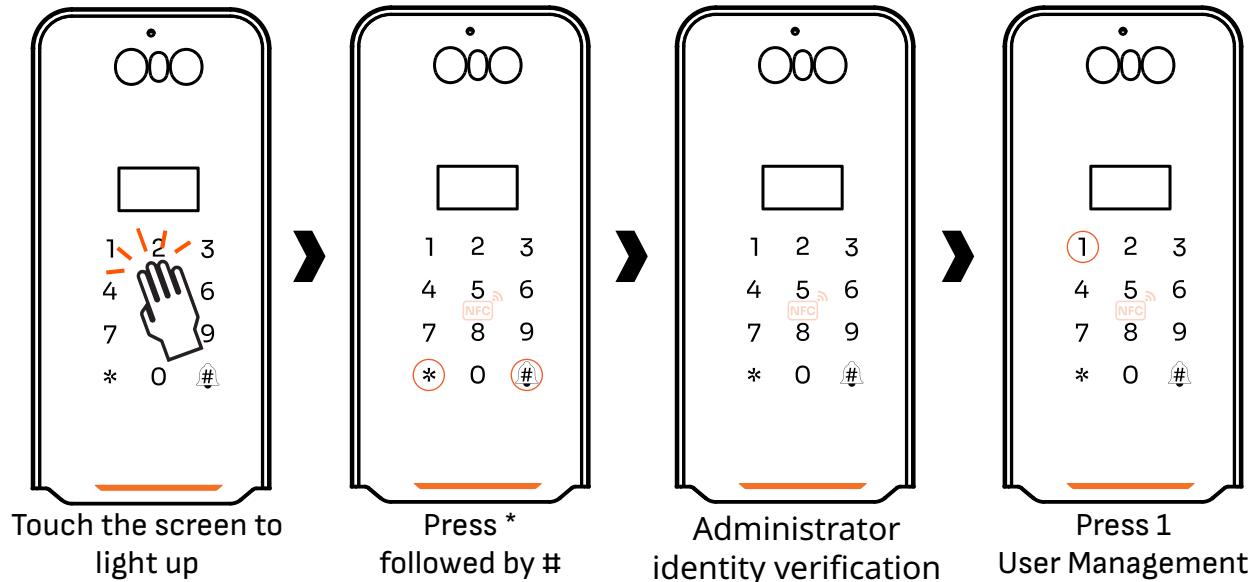
17. Add Administrator Fingerprint



- When scanning a fingerprint, lift your finger after the green light appears, and scan again after the blue light appears. Repeat this process until all 5 scans are completed.

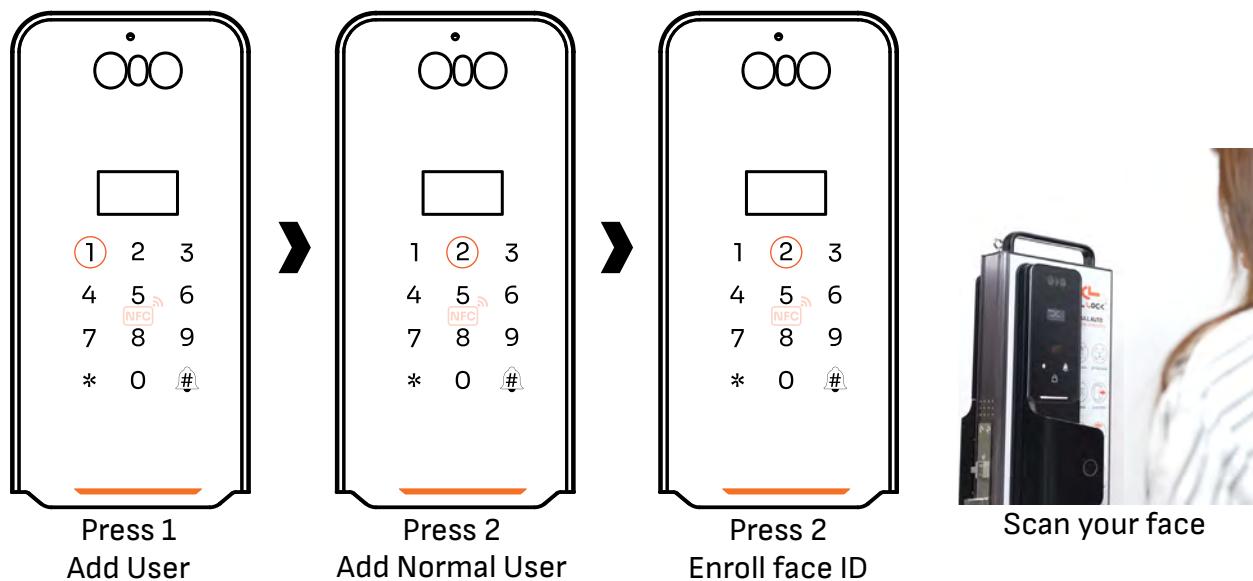
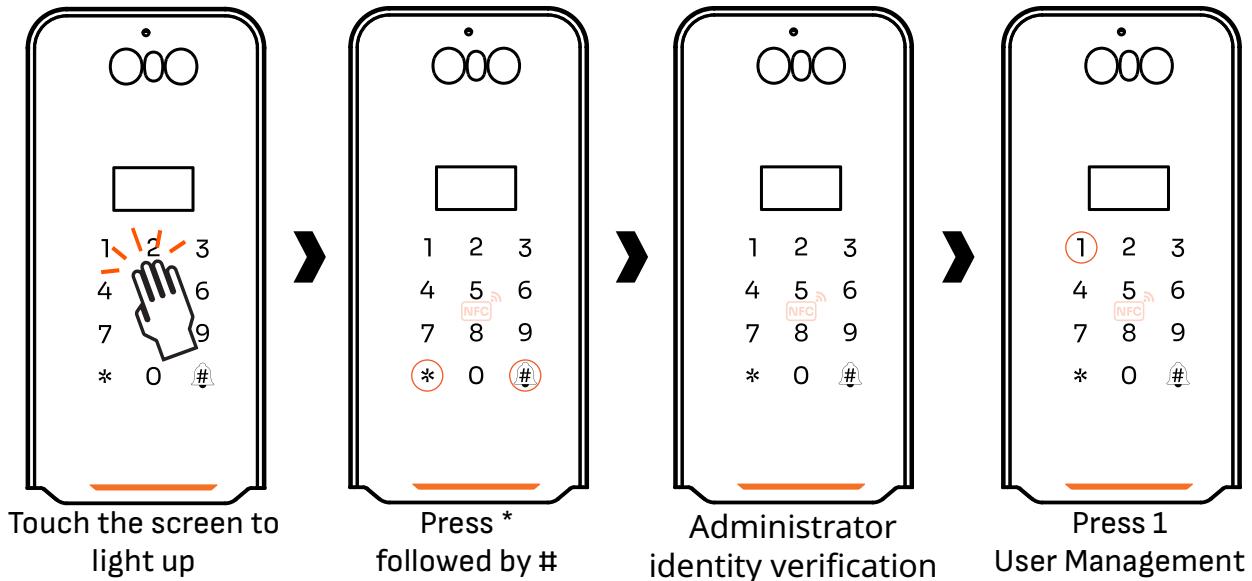


18. Add Normal User Palm Vein



- When registering a palm, maintain a distance of 0.5 - 0.6 meters in a well-lit area for optimal registration.
- When using palm recognition, ensure the angle is not higher or lower than 75 degrees.

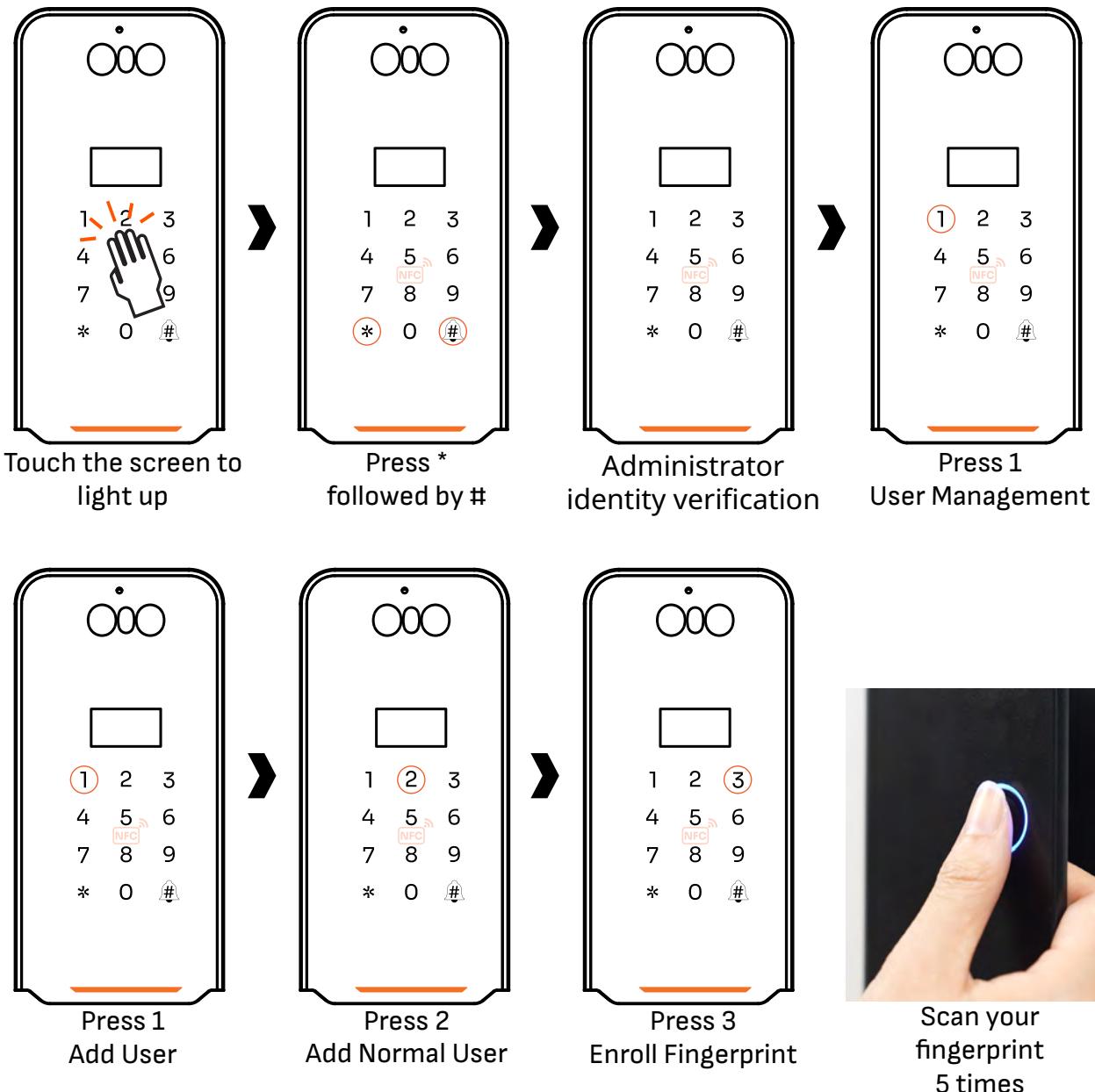
19. Add Normal User Face scan



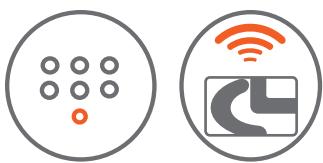
- When registering a face, maintain a distance of 0.5 - 0.8 meters in a well-lit area for accurate registration.
- When using face recognition, ensure the angle is not higher or lower than 15 degrees, and the height is within 1.3 - 2 meters.



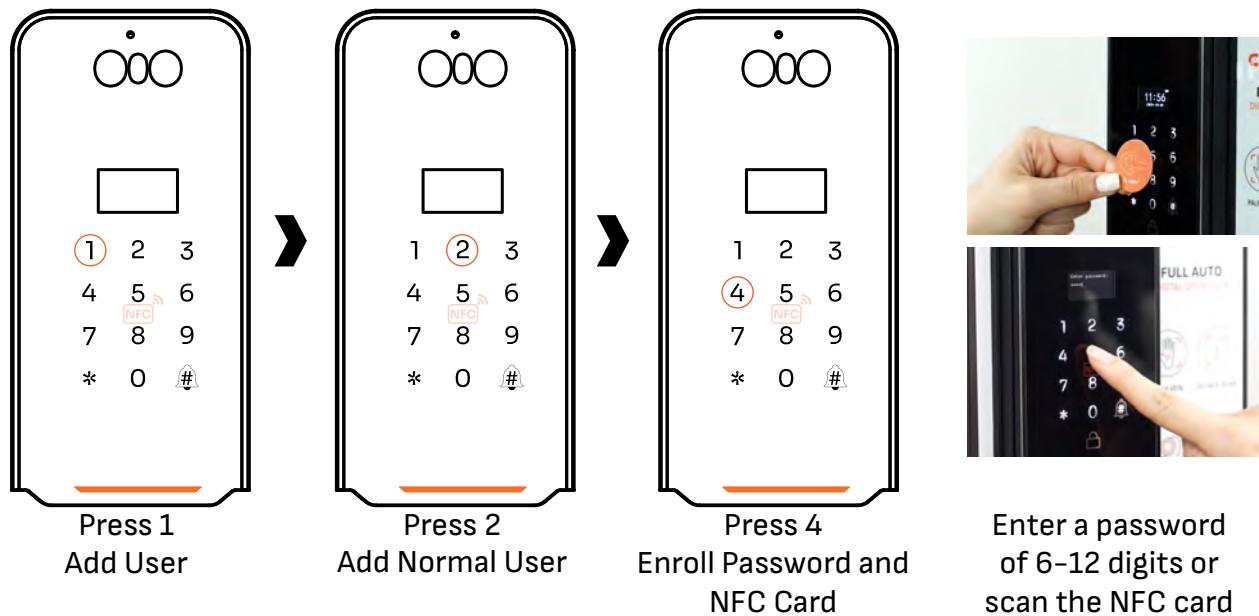
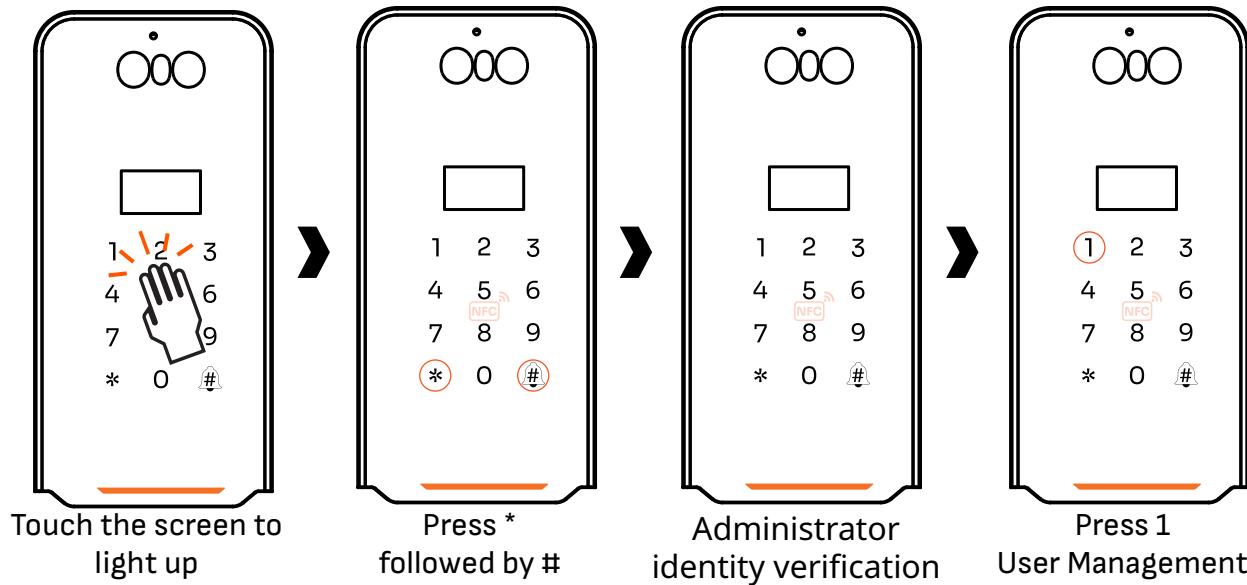
20. Add Normal User Fingerprint



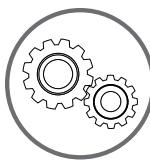
- When scanning a fingerprint, lift your finger after the green light appears, and scan again after the blue light appears. Repeat this process until all 5 scans are completed.



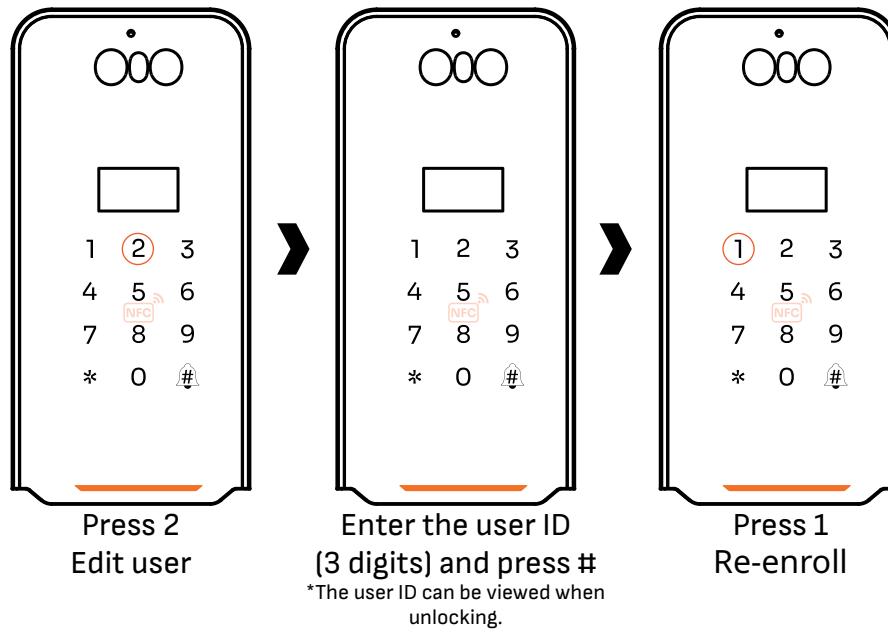
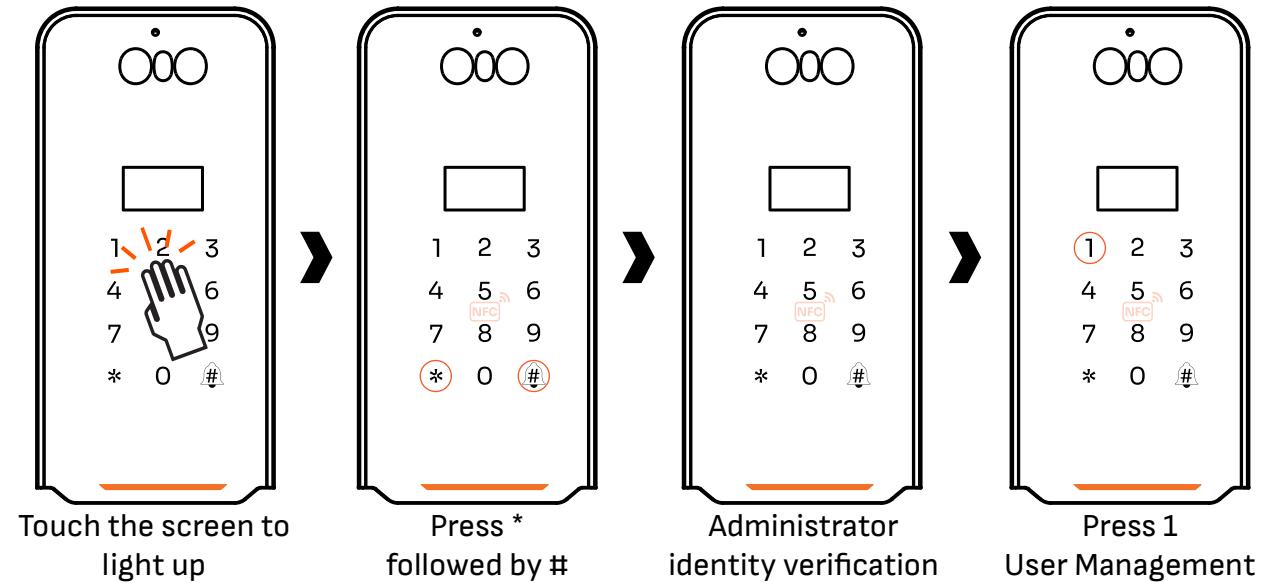
21. Add Normal User Password and NFC Card



- When registering and using the NFC card, ensure the distance is between 0 – 30 millimeters for proper registration and usage.
- When registering a password, it must be entered twice to confirm the password.



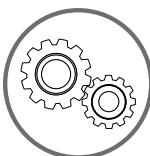
22. Re-enroll



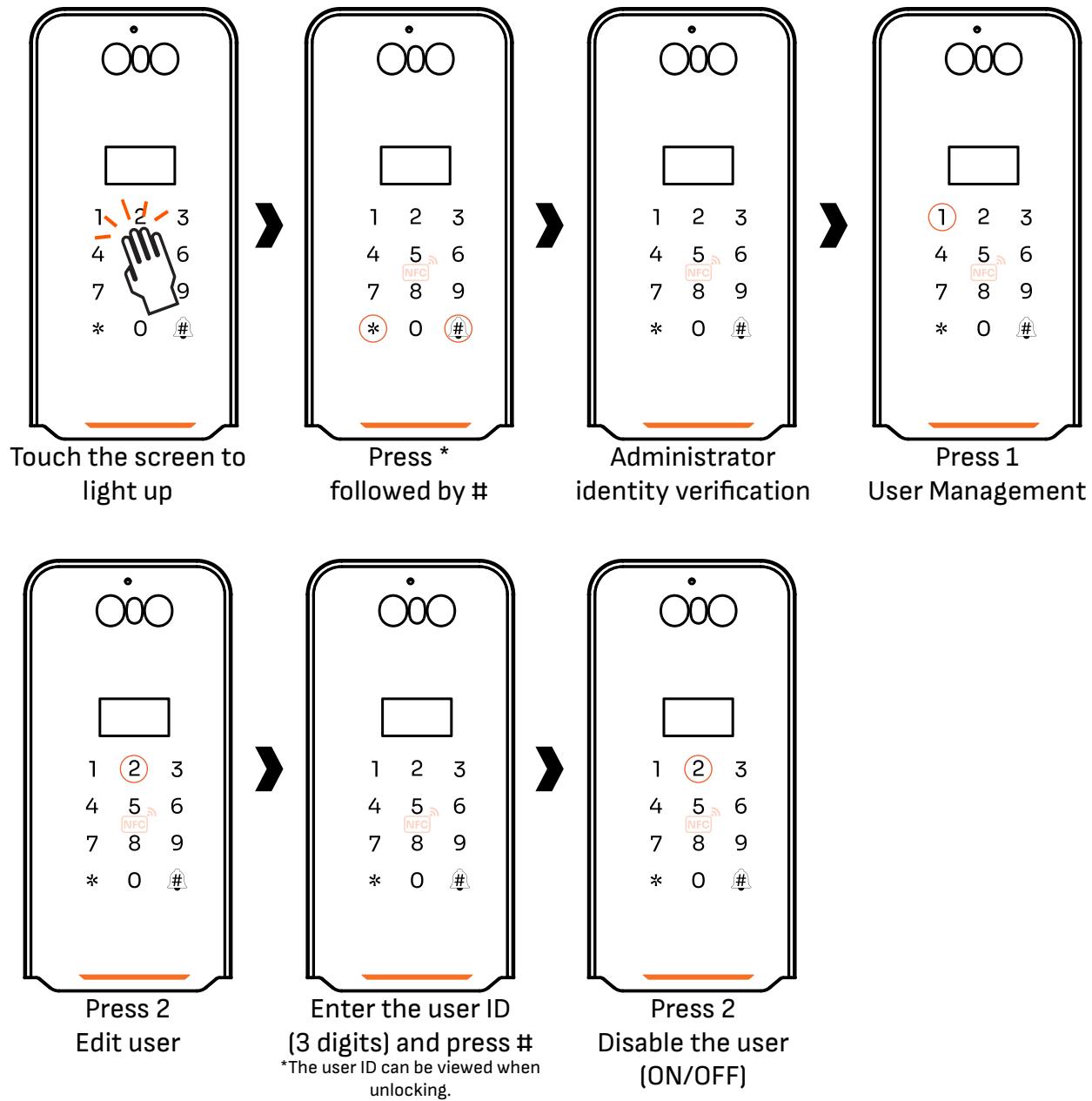
Select Re-enroll type:

1. Re-enroll Palm
2. Re-enroll Face
3. Re-enroll Fingerprint
4. Re-enroll Password or NFC Card

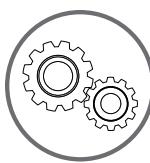
• Re-enroll means changing the registration method. If the user category is full, re-enroll will not be possible.



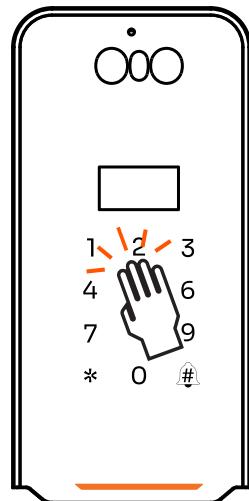
23. Disable a user (ON/OFF)



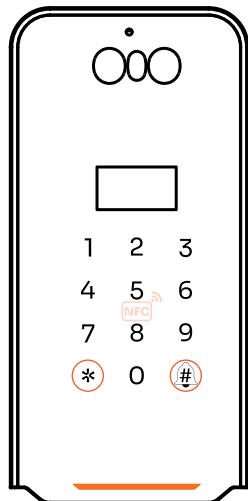
• Repeat the process to toggle it back to enable the user.



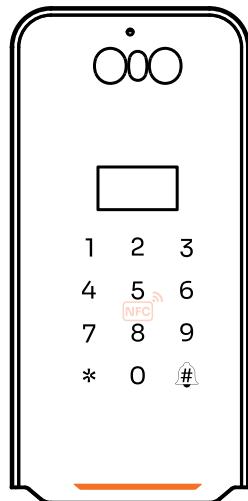
24. Delete user by ID



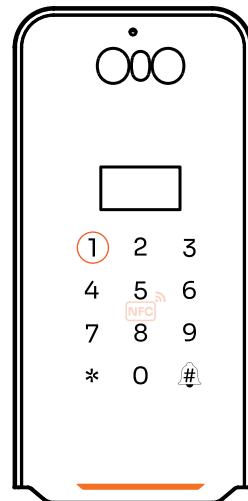
Touch the screen to light up



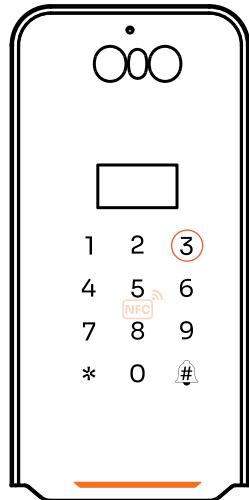
Press * followed by #



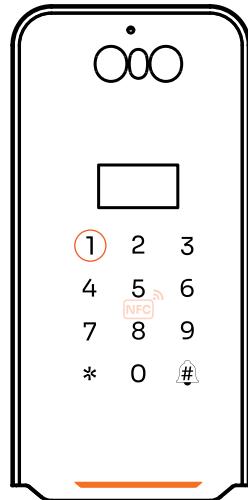
Administrator identity verification



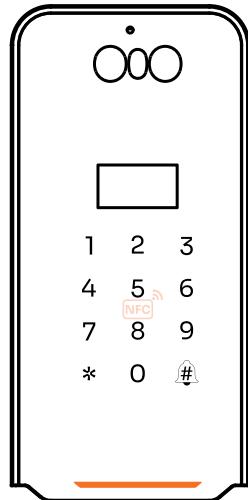
Press 1 User Management



Press 3
Delete user

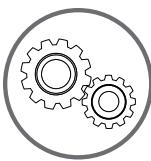


Press 1
Delete by ID

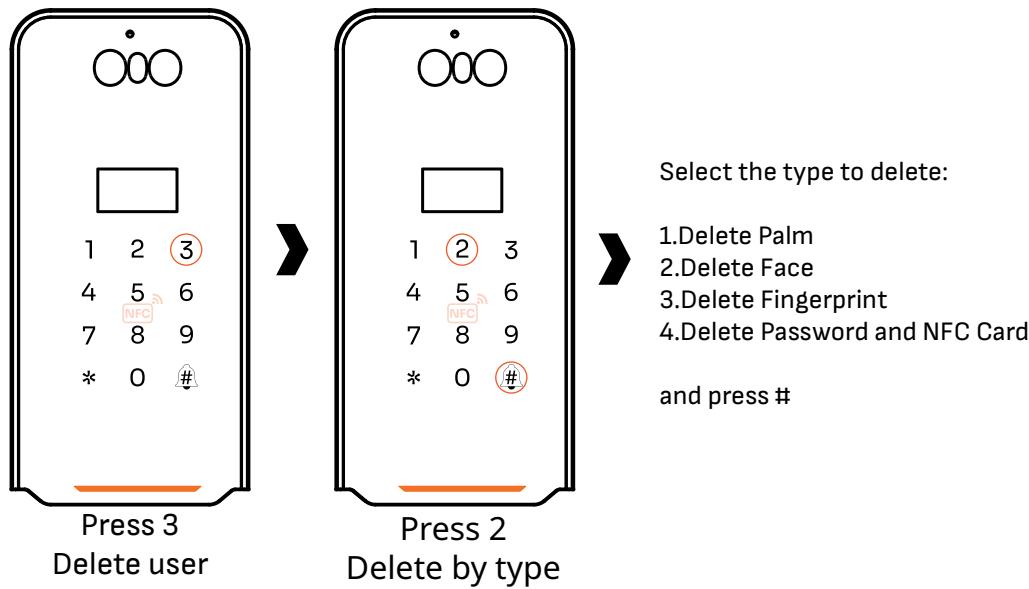
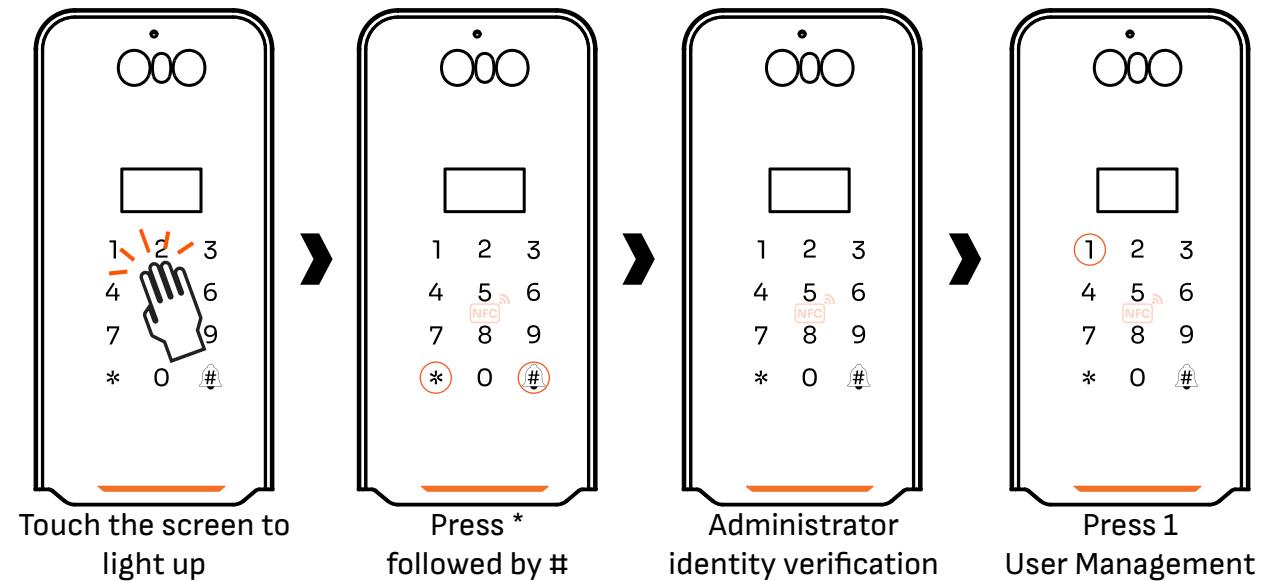


Enter the user ID
(3 digits) and press #

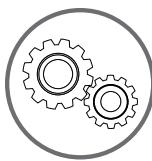
*The user ID can be viewed when unlocking.



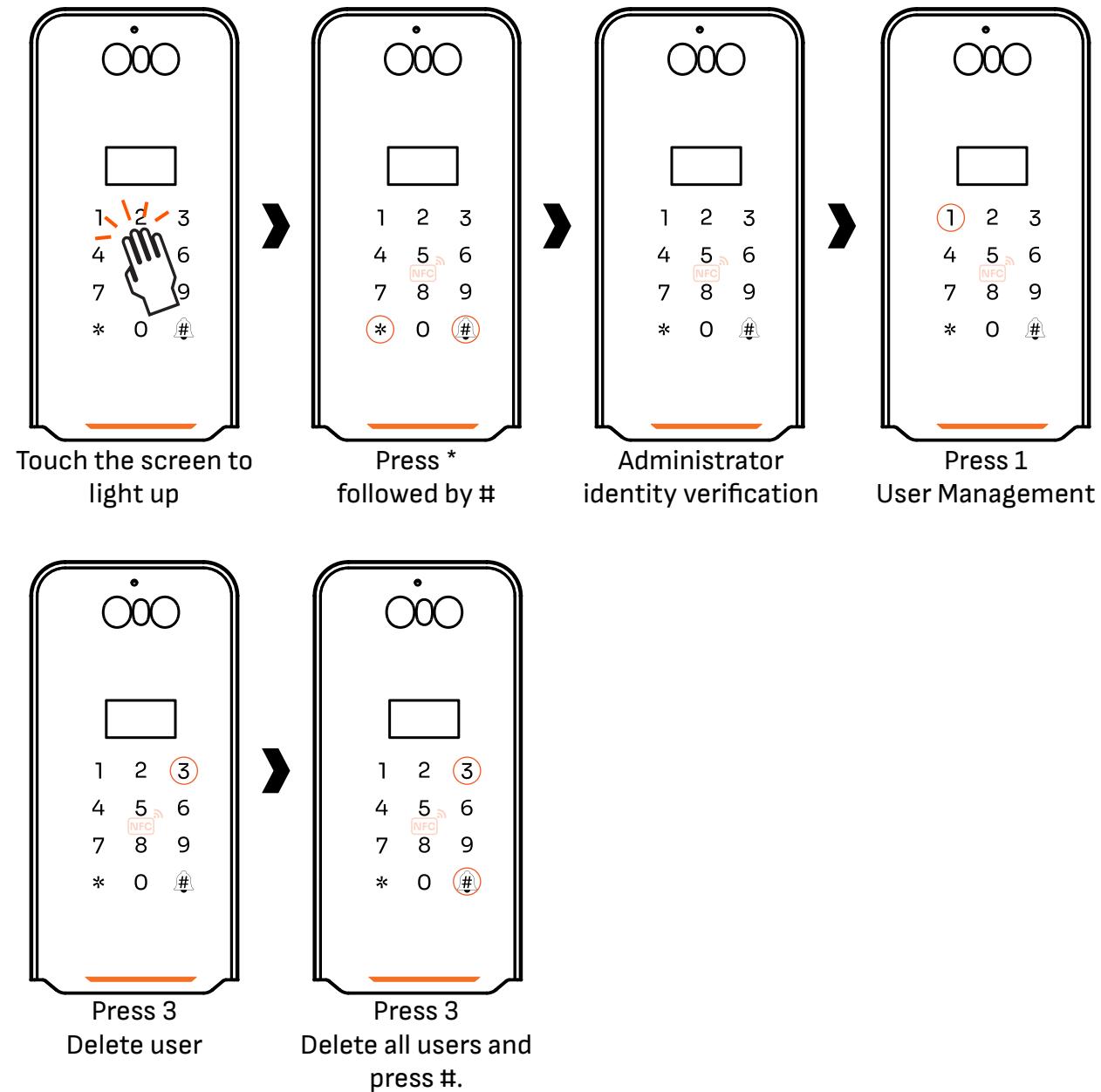
25. Delete user by type



- When deleting by category, the admin in that category will not be deleted.



26. Delete all users

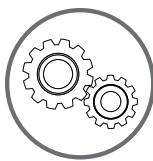


- When deleting all users, the admin will not be deleted.

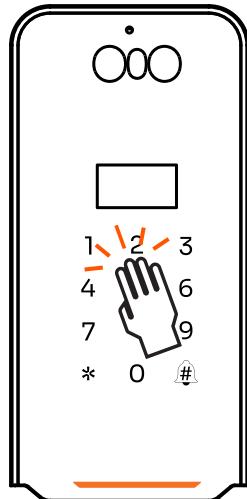
Remote Management

CL-L1

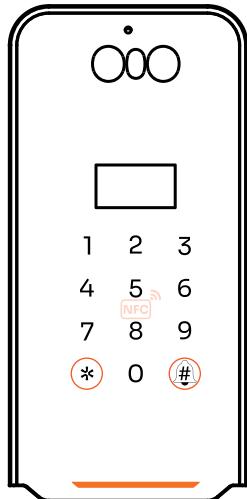




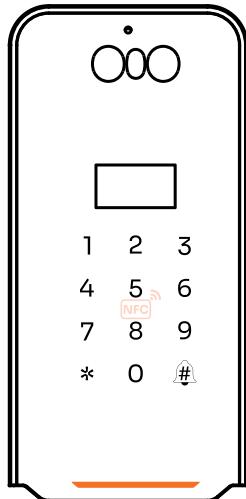
27. Add Internet Connection



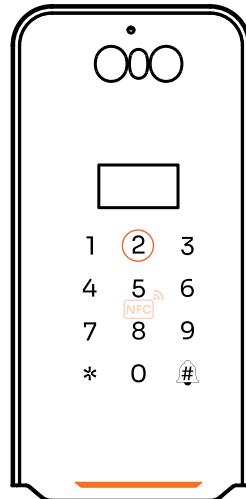
Touch the screen to light up



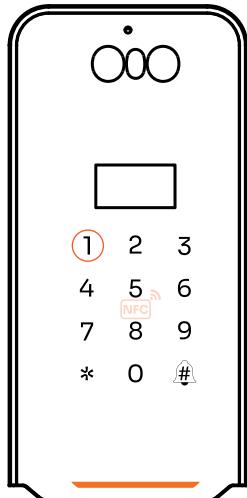
Press * followed by #



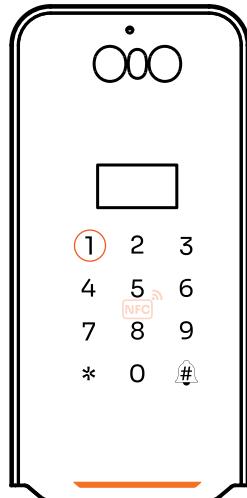
Administrator identity verification



Press 2 Remote management.

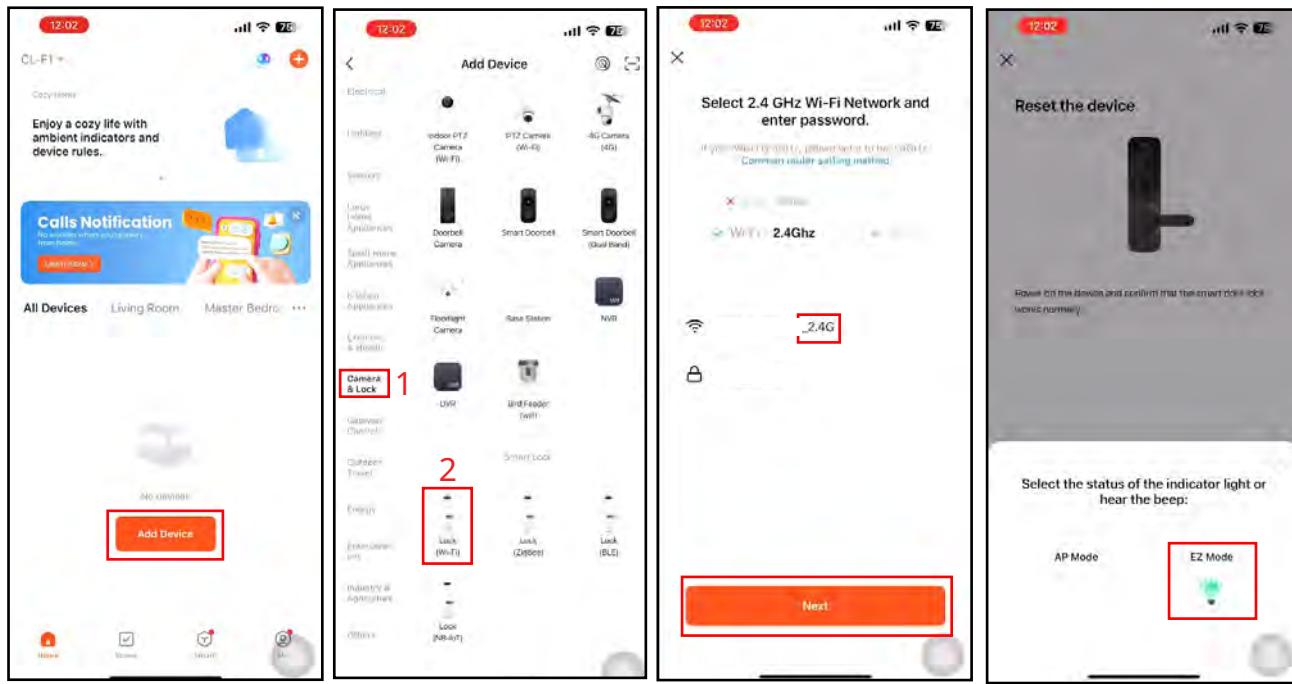


Press 1 add an internet connection



Press 1 Wi-Fi

- You must register through the device first, and only then can you connect the application.
- Only 2.4G Wi-Fi is supported, and the Wi-Fi name must include "2.4," for example, CLLOCK_2.4G.

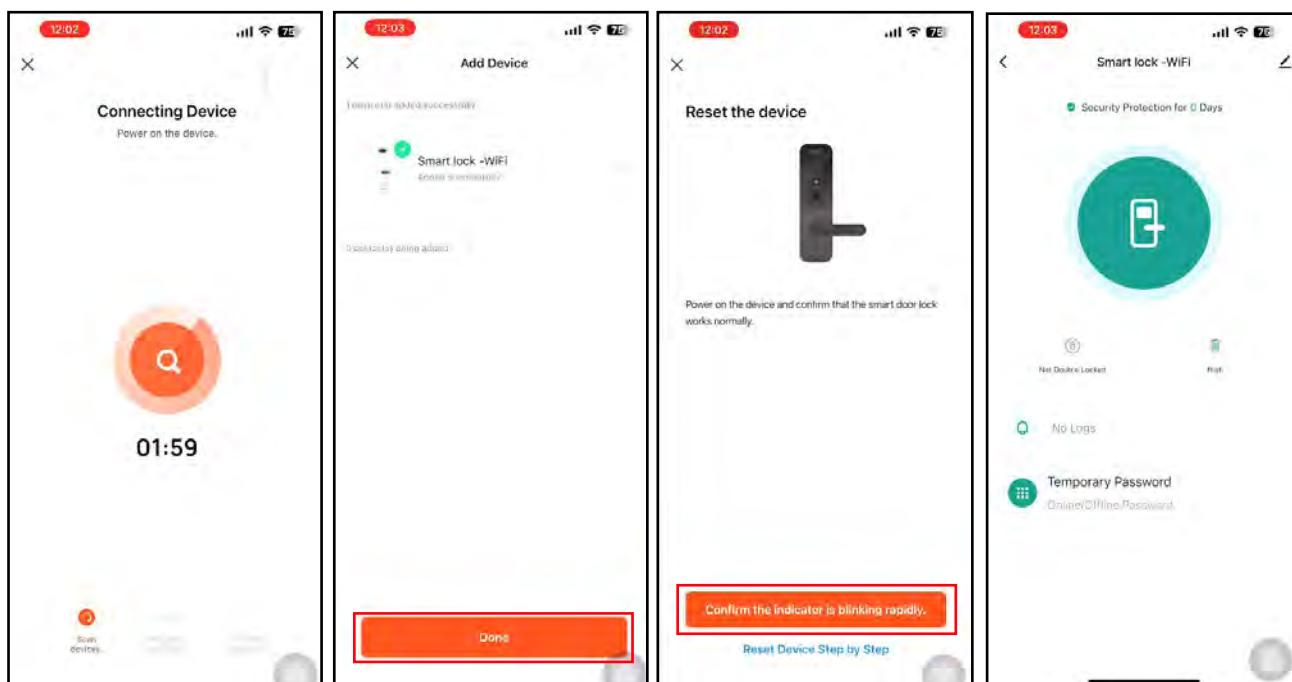


Open the TUYA app
and press
Add Device

Press Camera & Lock
and then press Lock
(Wi-Fi)

Check the Wi-Fi and
then press Next

Press EZ Mode

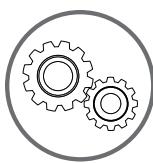


The system is
establishing the
connection.

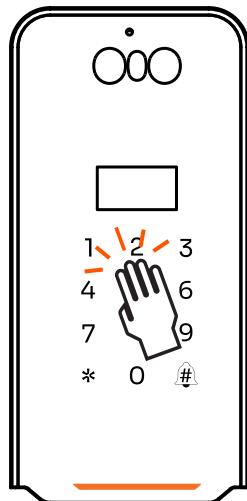
Press Done

Press Confirm the
indicator is blinking
rapidly

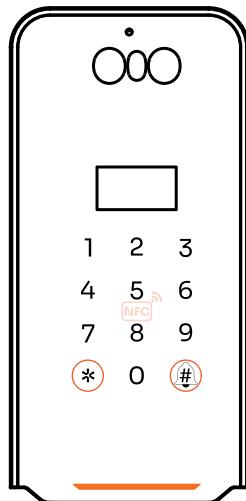
Connection
successful



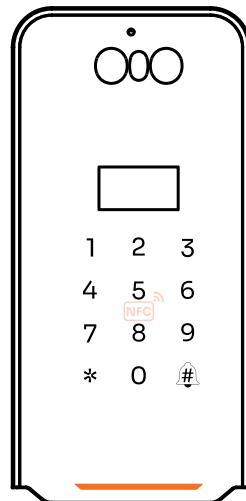
28. Deleting an Internet connection



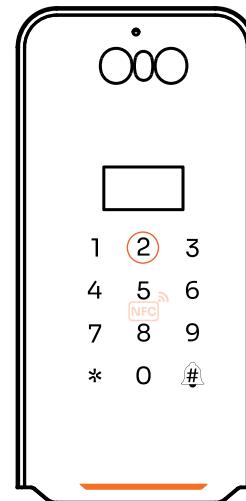
Touch the screen to light up



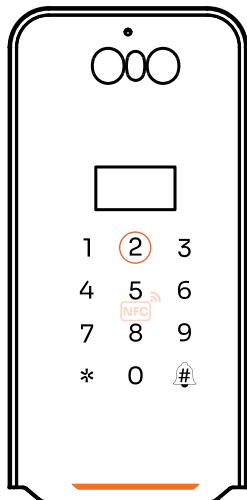
Press * followed by #



Administrator identity verification



Press 2 Remote management.

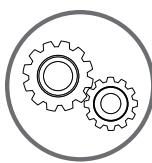


Press 2
Delete the internet connection.

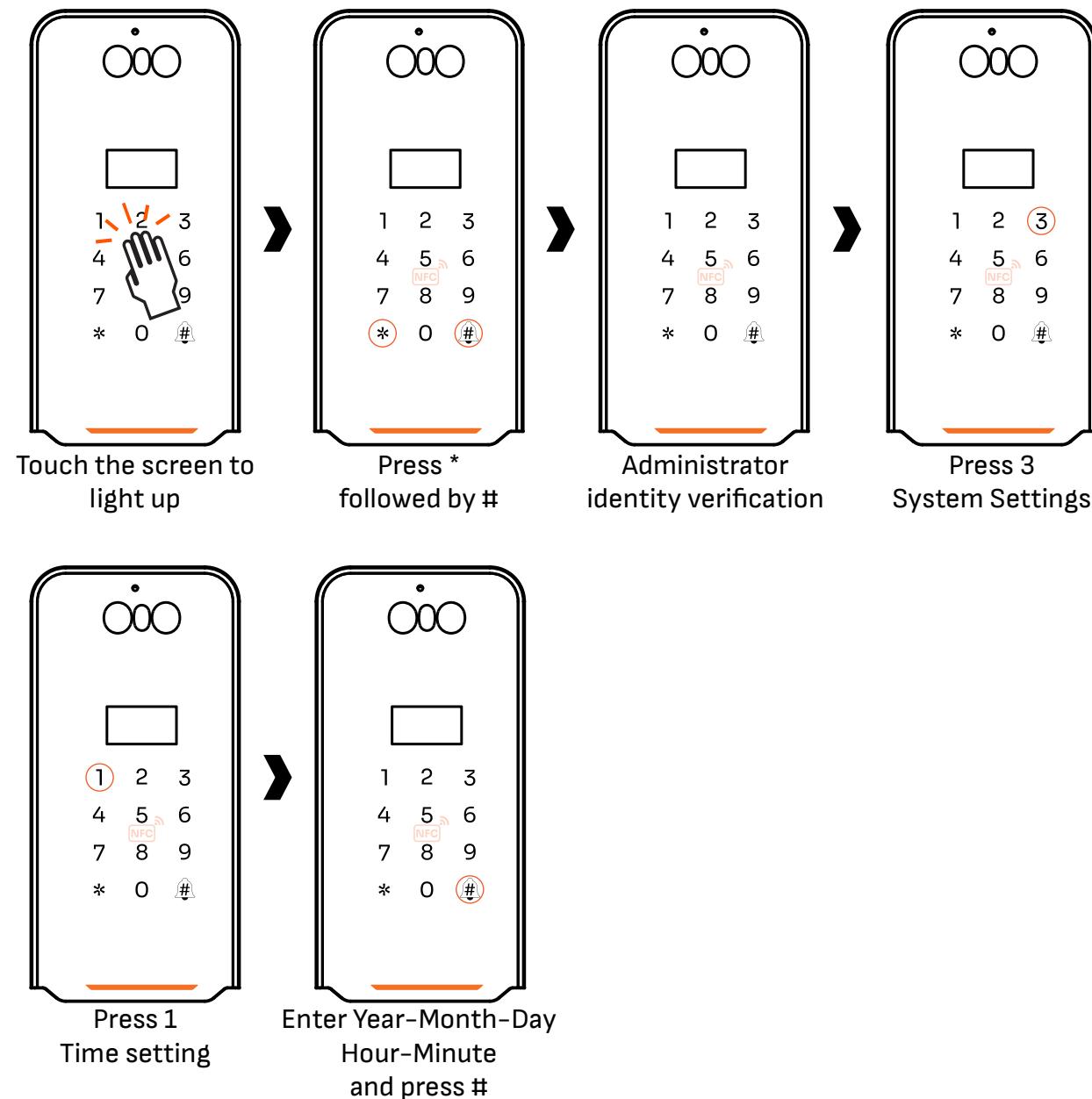
System Settings

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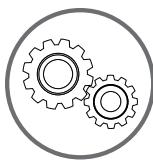




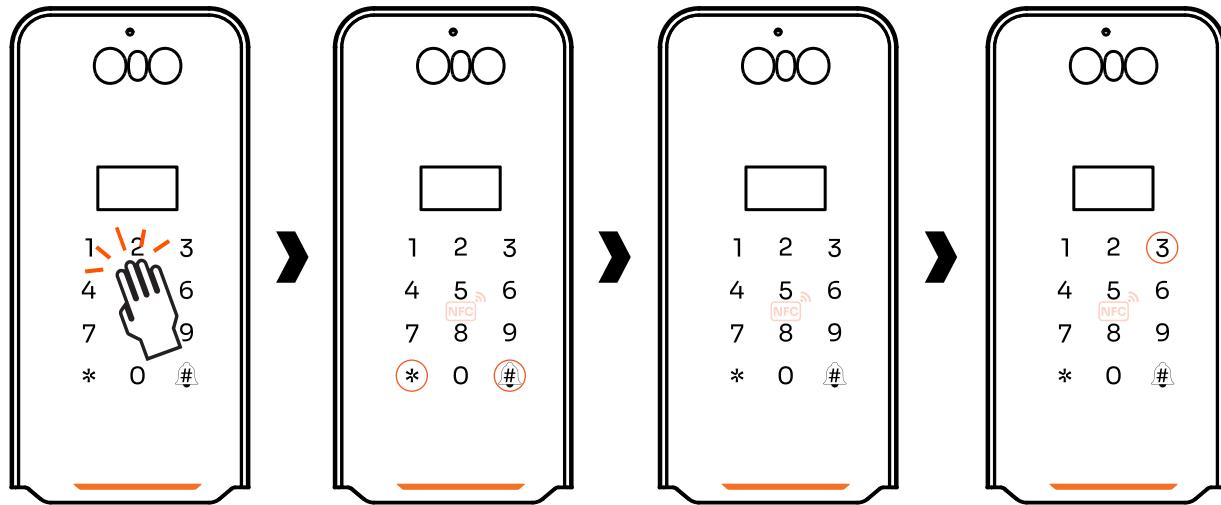
29. Time Setting



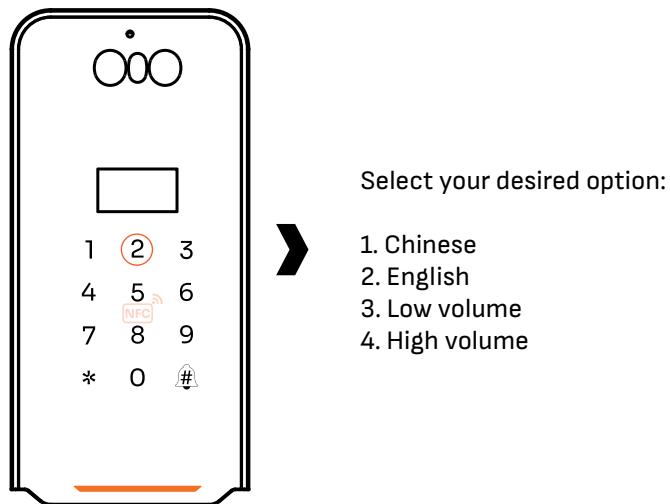
- If connected to the application, the date and time will be set automatically.



30. Language and Volume



Touch the screen to light up Press * followed by # Administrator identity verification Press 3 System Settings

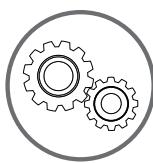


Press 2
Language and
Volume

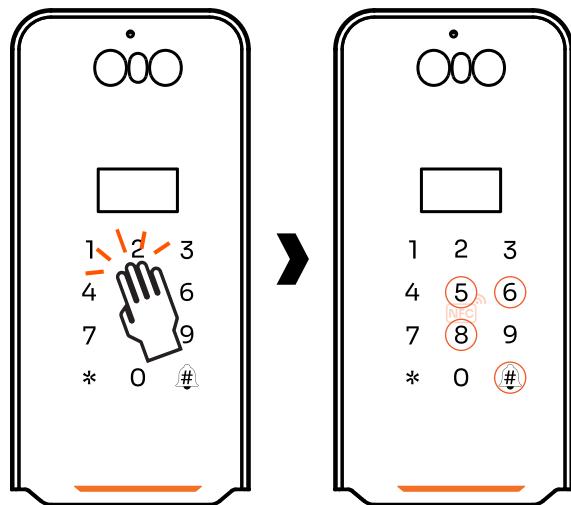
Select your desired option:

1. Chinese
2. English
3. Low volume
4. High volume

- To switch back to Thai, follow Step 31 (Page 39)



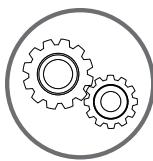
31. Thai Language Settings



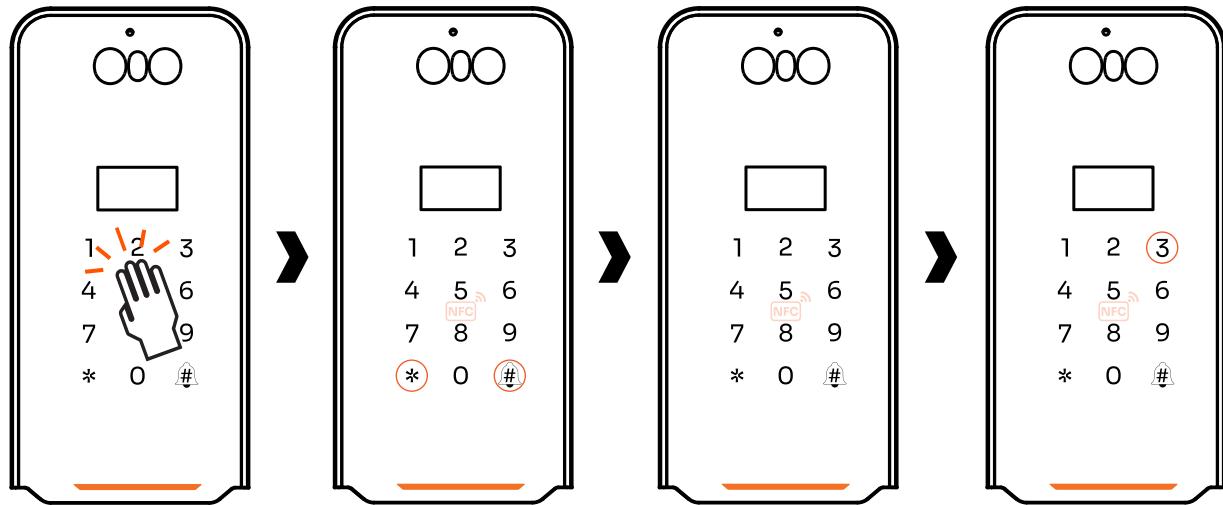
Touch the screen to light up

Enter the code
555666885
and press #

- Before entering the code to change the language, a factory reset must be performed. Refer to Step 42 (Page 51) for details.



32. Double Verification

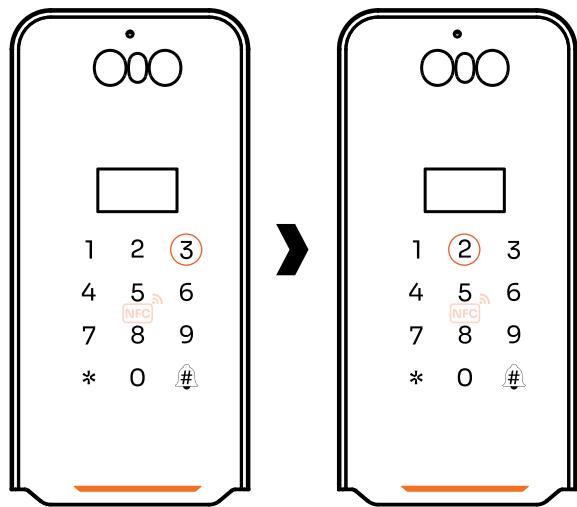


Touch the screen to light up

Press * followed by #

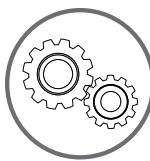
Administrator identity verification

Press 3 System Settings

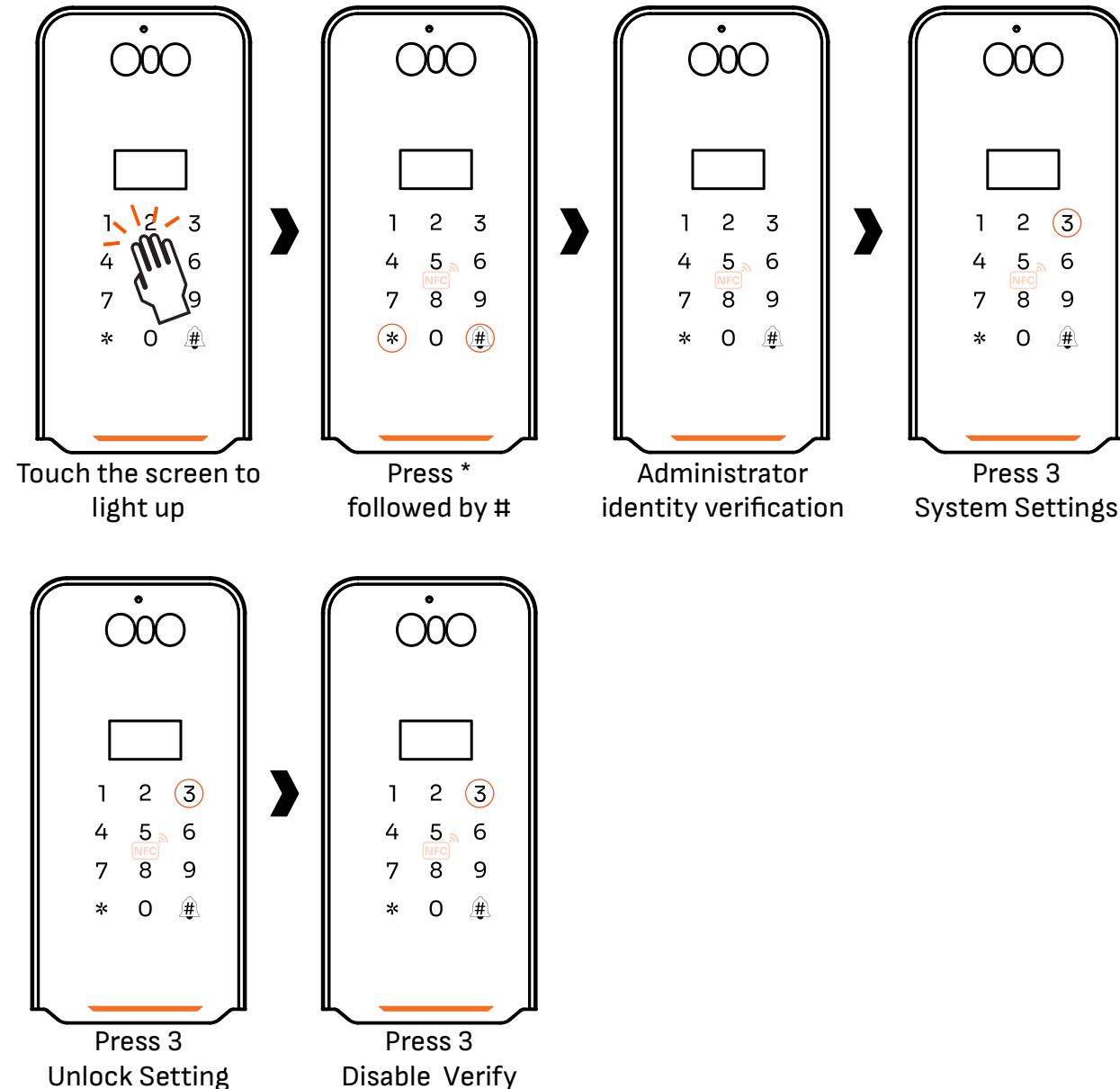


Press 3
Unlock Setting

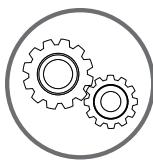
Press 2
Double Verification



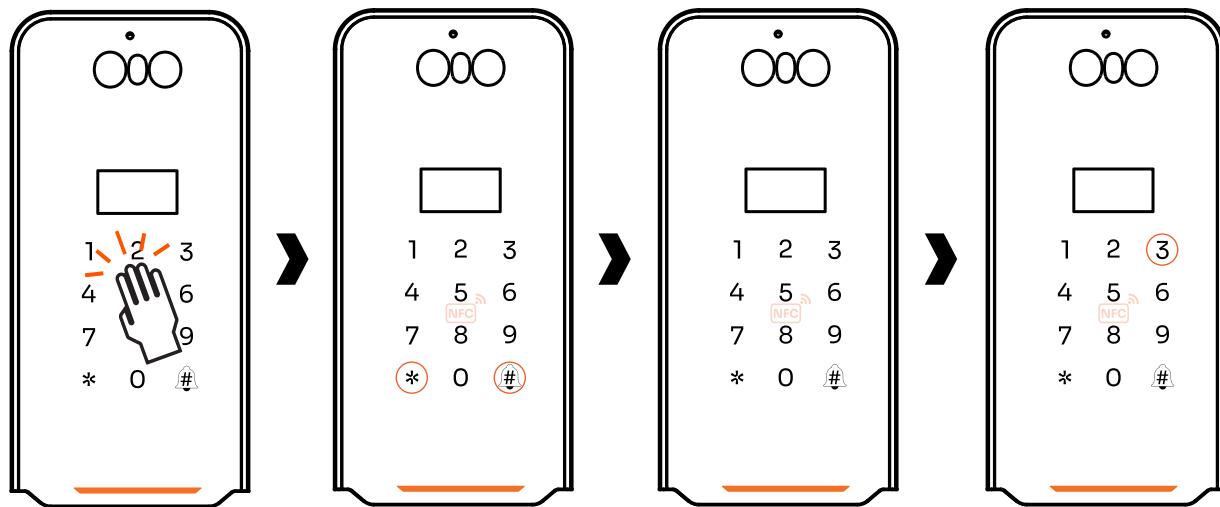
33. Disable Verify



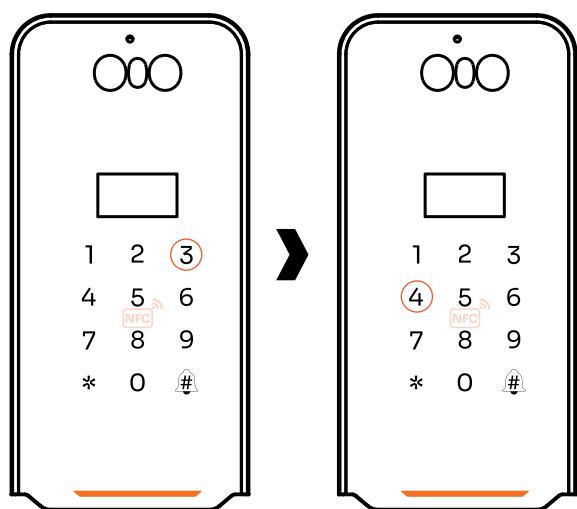
- Disabling verification means disabling by category.
- When disabled by category for the admin, that category will not be able to unlock.



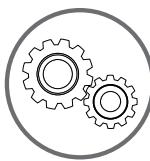
34. Anti Tampering (ON/OFF)



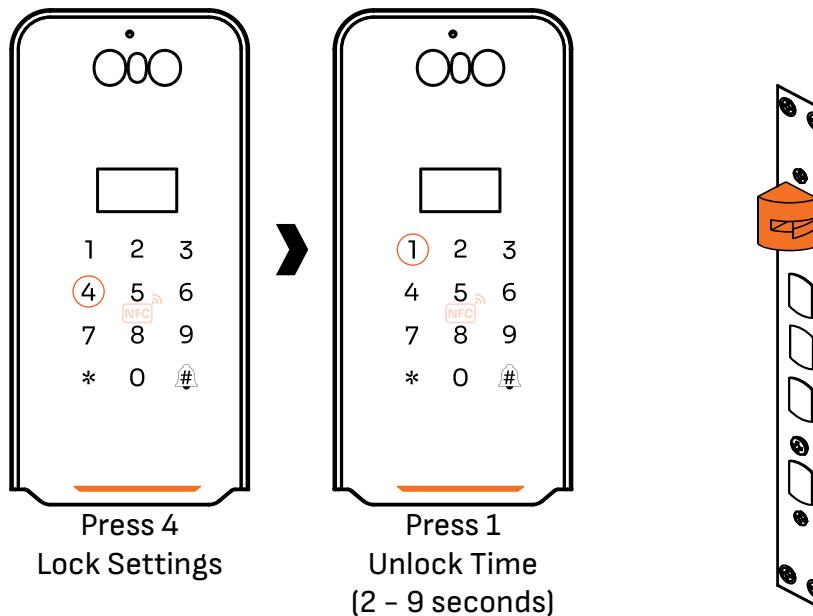
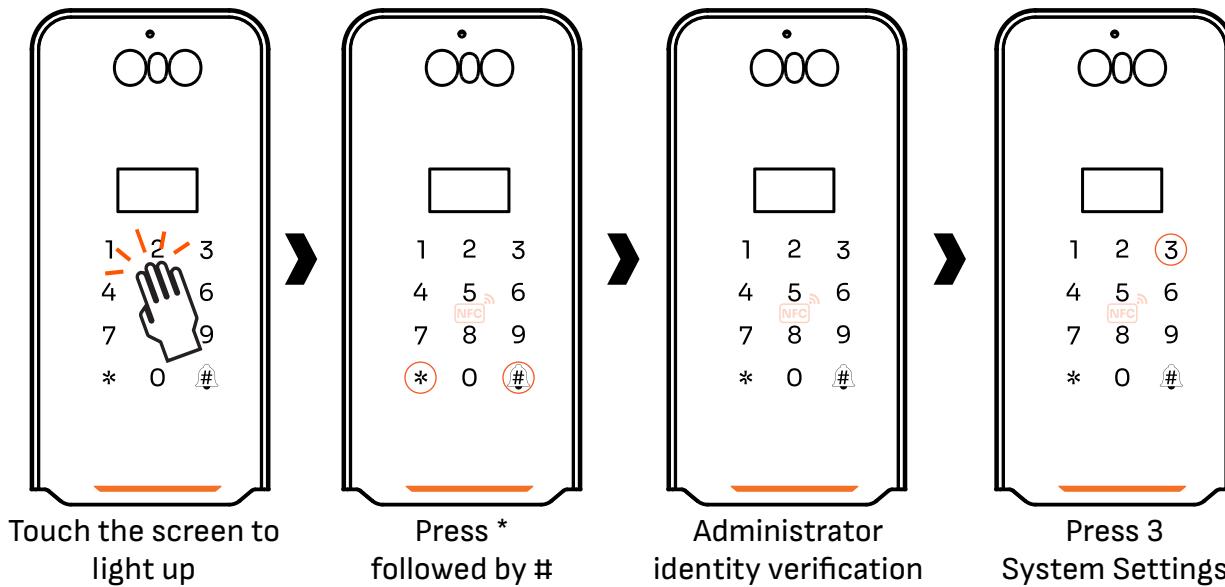
Touch the screen to light up Press * followed by # Administrator identity verification Press 3 System Settings



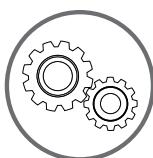
Press 3 Press 4
Unlock Setting Anti Tampering (ON/OFF)



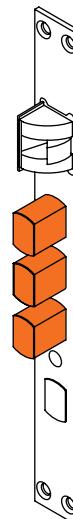
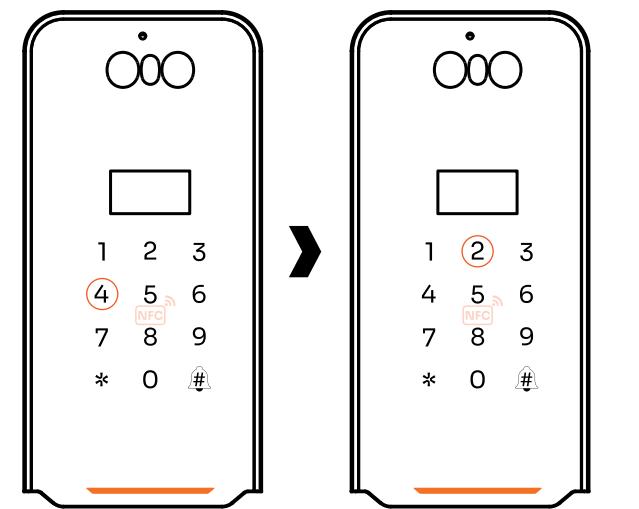
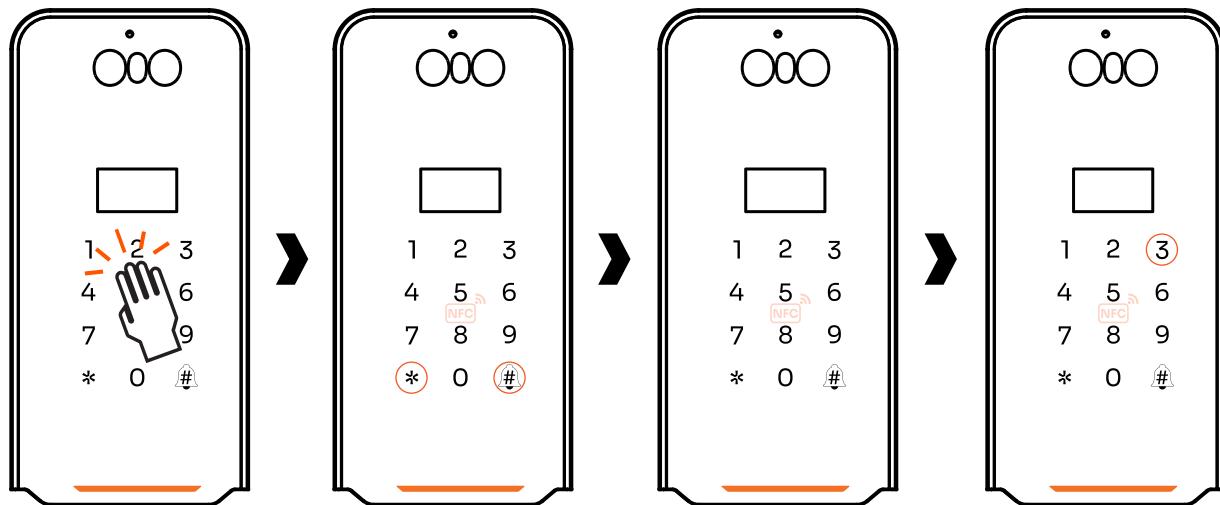
35. Unlock Time Settings



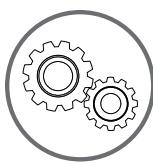
- Pressing 1 once will increase the time by 1 second. If it reaches 9 seconds, it will loop back to 2 seconds.



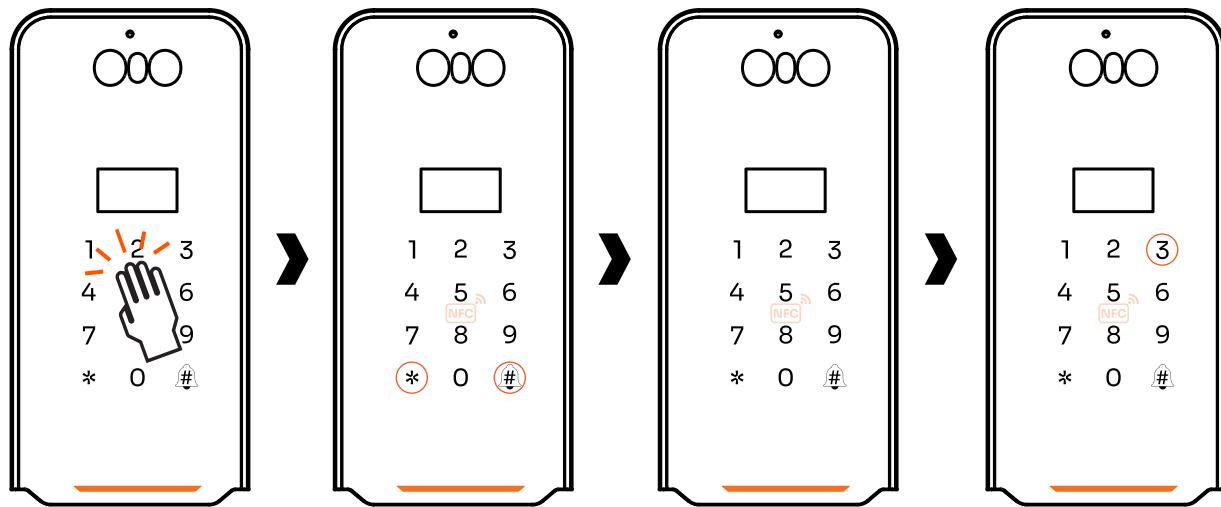
36. Normally open



- 1 means On
- 0 means Off



37. Body Detection Settings

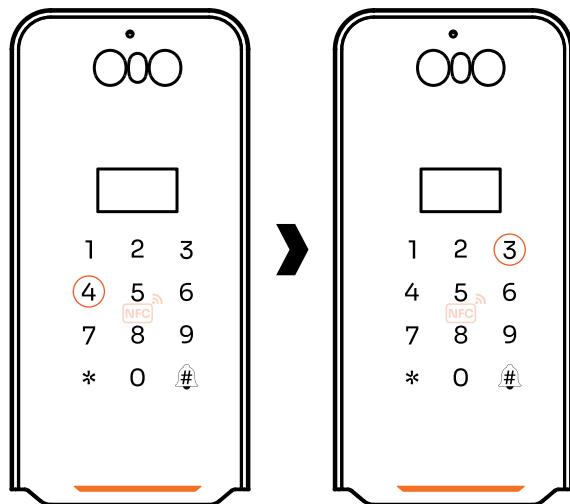


Touch the screen to light up

Press * followed by #

Administrator identity verification

Press 3
System Settings

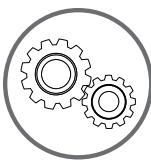


Press 4
Lock Settings

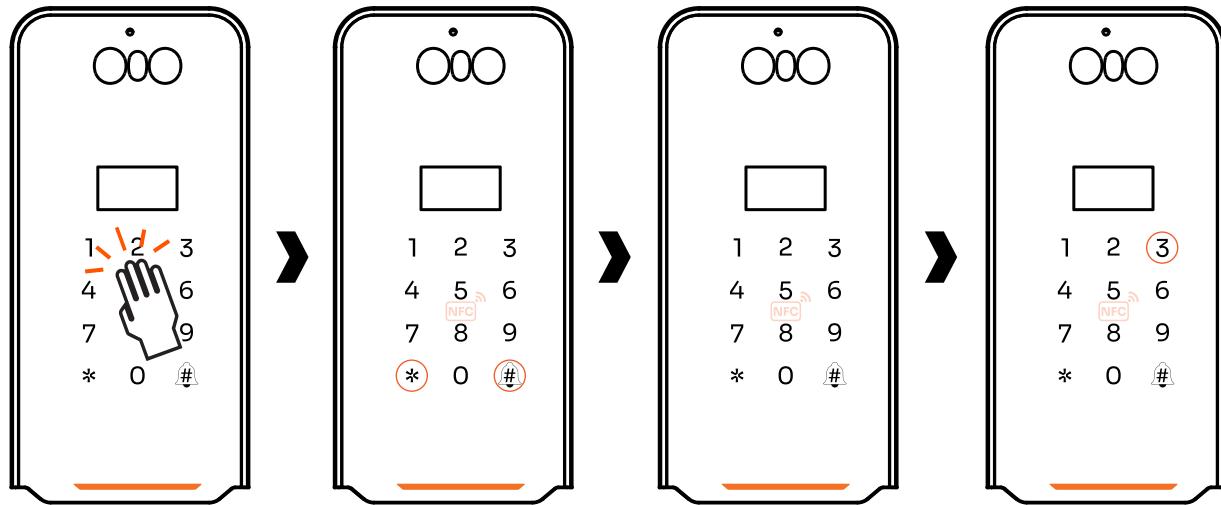
Press 3
Body Detect
(ON/OFF)

• 1 means On

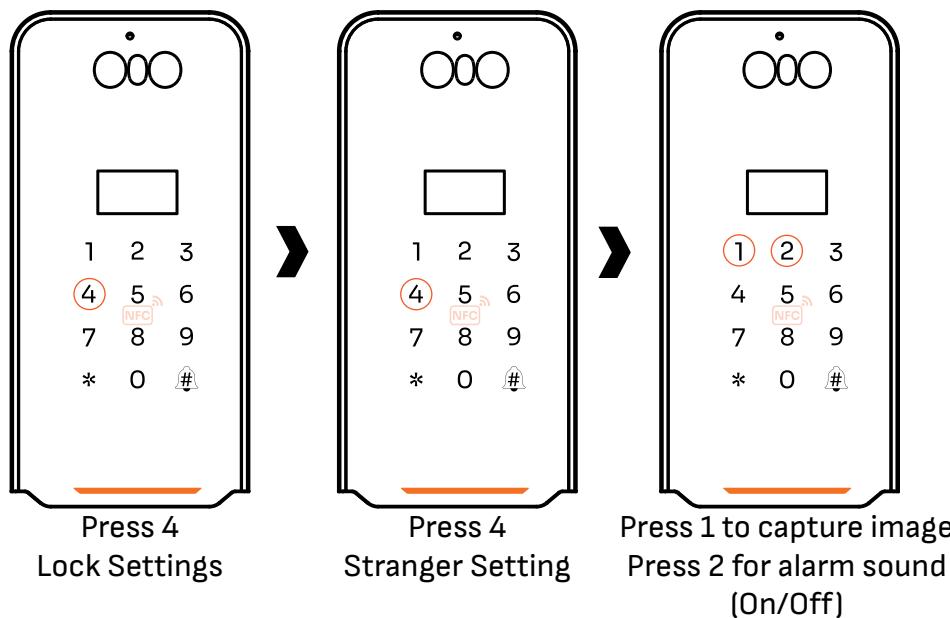
• 0 means Off



38. Stranger Setting



Touch the screen to light up Press * followed by # Administrator identity verification Press 3 System Settings



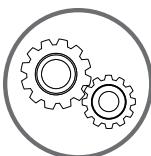
Press 4 Lock Settings Press 4 Stranger Setting Press 1 to capture image
Press 2 for alarm sound (On/Off)

- The captured image will be sent to the Tuya application.
- Pressing 1 once will turn it on, pressing again will turn it off.

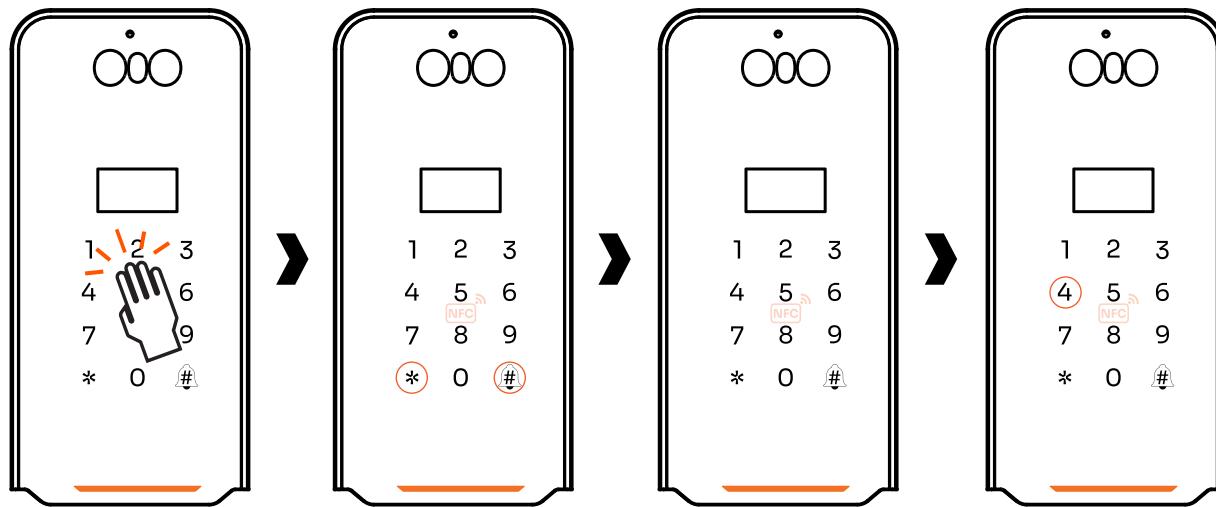
System quiry

CL-L1





39. Record Manage

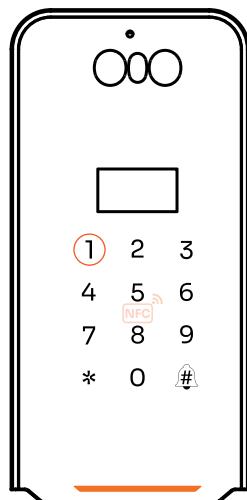


Touch the screen to light up

Press * followed by #

Administrator identity verification

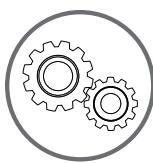
Press 4
System query



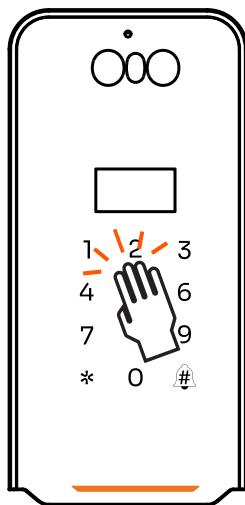
Press 1
Record Manage

Select your desired option:

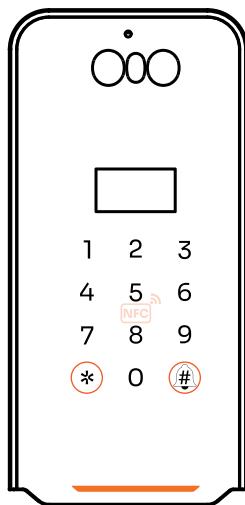
- 1. Check data in order
- 2. Sort by recorded date
- 3. Clear usage history



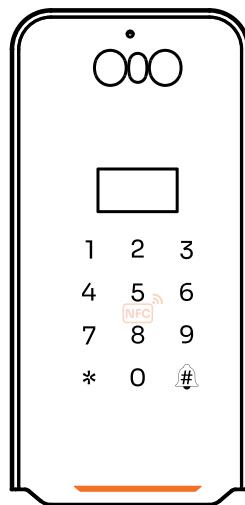
40. Storage Info



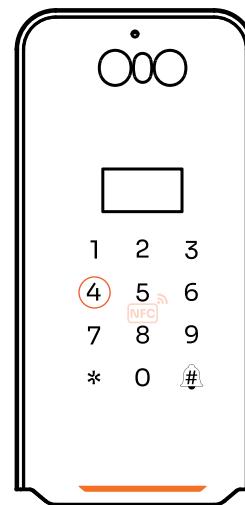
Touch the screen to light up



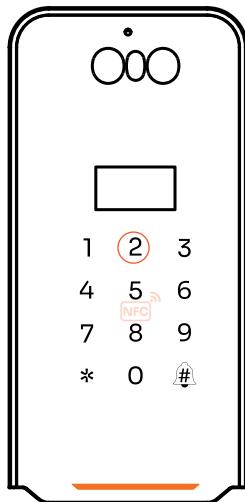
Press * followed by #



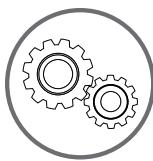
Administrator identity verification



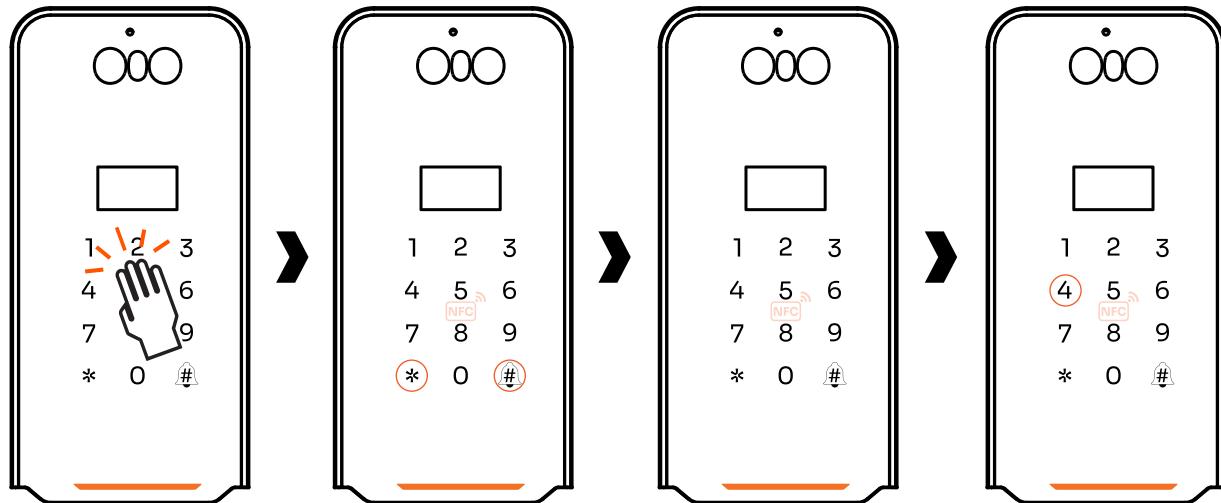
Press 4
System query



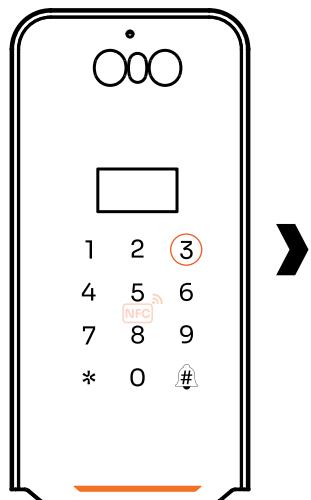
Press 2
Storage Info



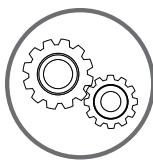
4.1. Version Info



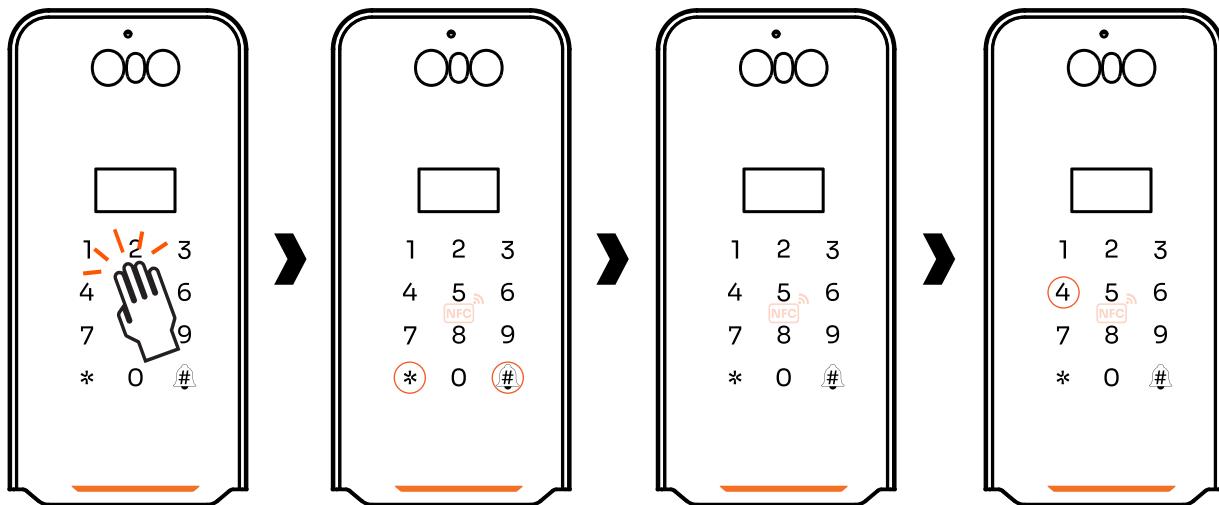
Touch the screen to light up Press * followed by # Administrator identity verification Press 4 System Inquiry



Press 3
Version Info



42. Factory Reset

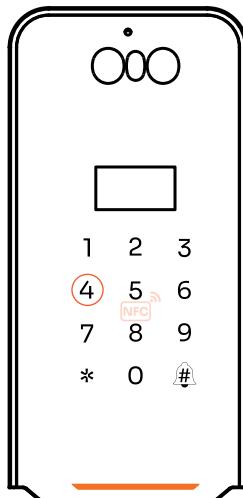


Touch the screen to light up

Press * followed by #

Administrator identity verification

Press 4 System Inquiry



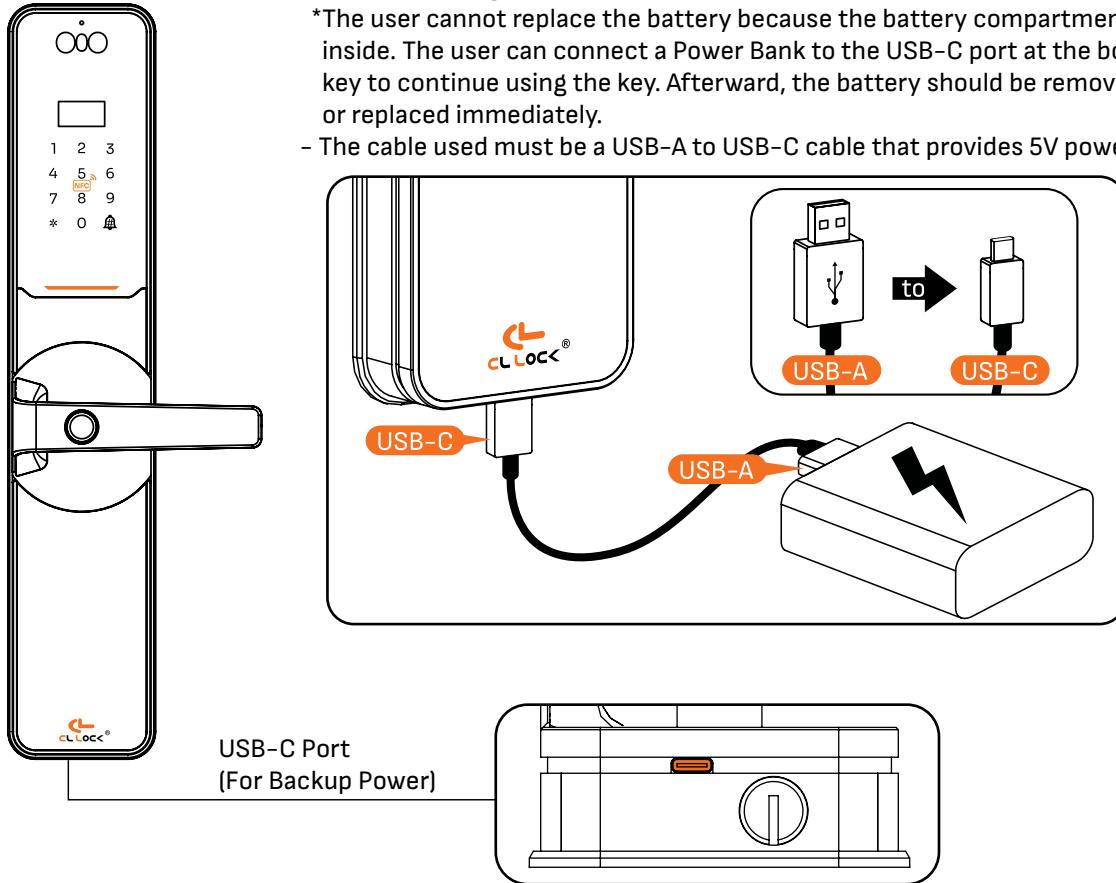
Press 4 Factory Reset

- Everything will reset to factory settings. You can refer to the factory reset status in Step 8 (Page 13).
- To set the language to Thai, enter 555 666 885 and press # (enter the code after performing a factory reset).

43. USB-C Port Usage

Using Backup Power from a Power Bank

- In case of emergency when the battery is dead and the key is in the locked position:
 - *The user cannot replace the battery because the battery compartment is installed inside. The user can connect a Power Bank to the USB-C port at the bottom of the key to continue using the key. Afterward, the battery should be removed and charged or replaced immediately.
- The cable used must be a USB-A to USB-C cable that provides 5V power.

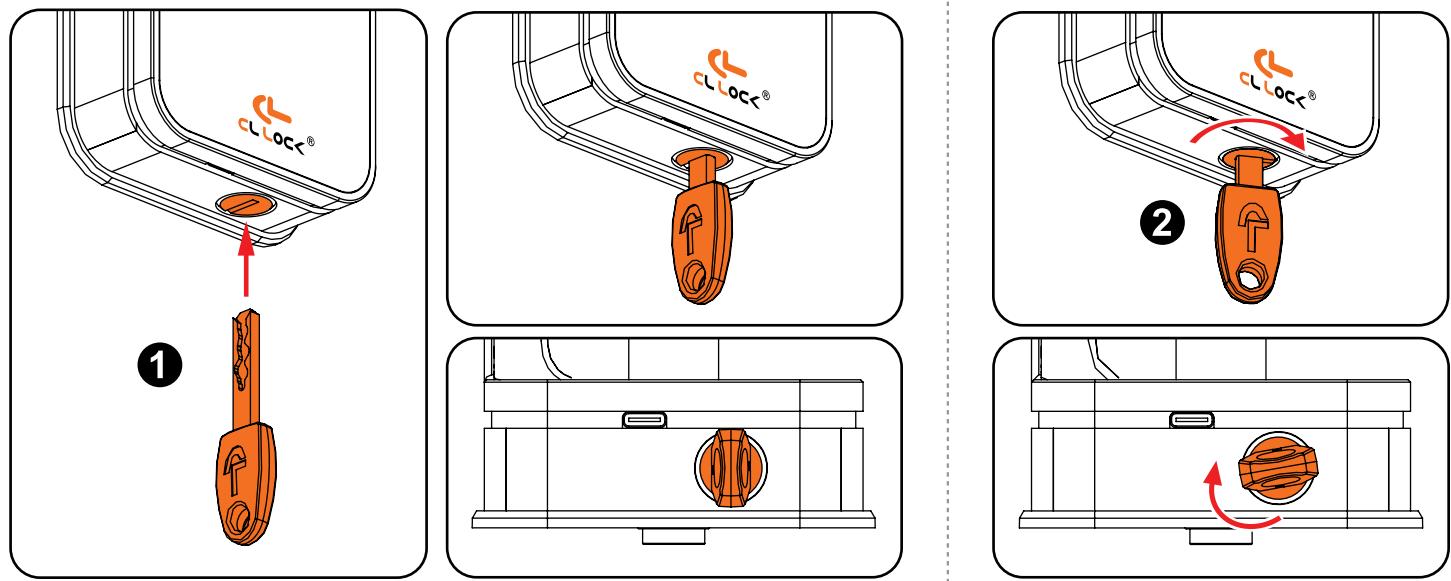


44. How to Open/Close the Emergency Key

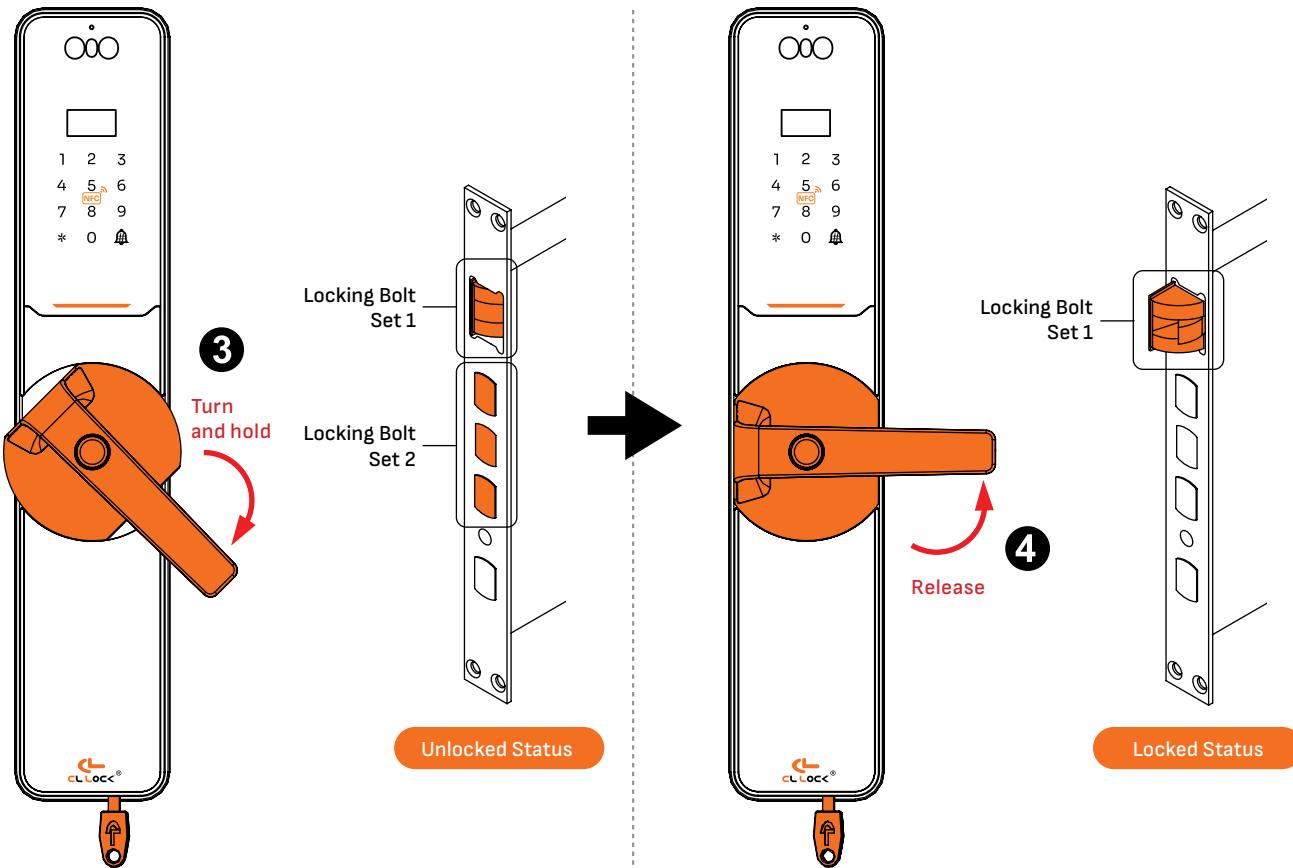
Emergency Key

Emergency Key Slot

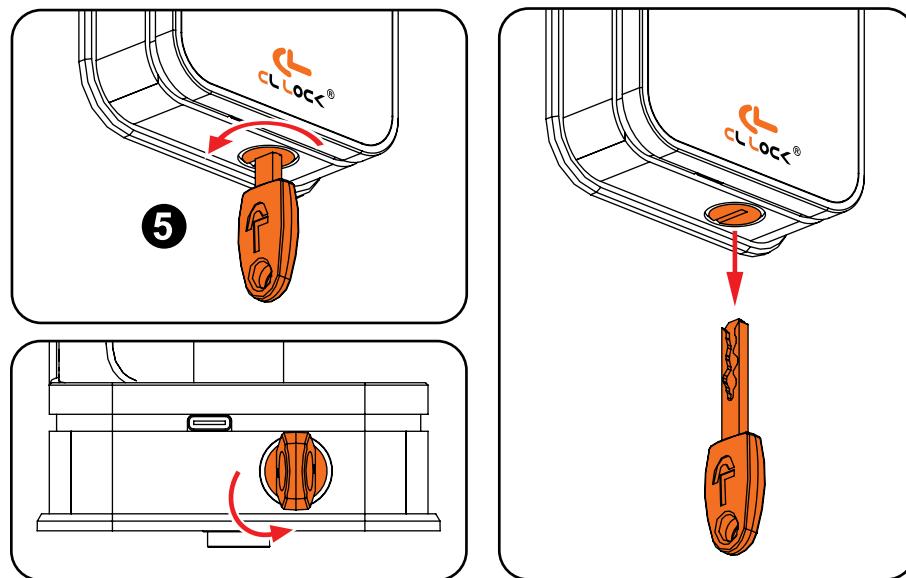
1. Insert the emergency key into the slot.
2. Turn the emergency key clockwise all the way and hold it in place. The Locking Bolts (both sets) will move to the unlocked position, allowing the door to open.



3. Turn the handle downward and hold it. Both latch sets will retract, unlocking the door and allowing it to open.
 4. Release the handle, and it will automatically return to its original position. The first latch set will extend, locking the door.



5. Turn the emergency key counter clockwise to the limit to remove the key.

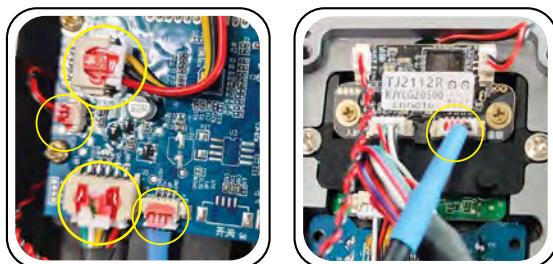


45. Product Warranty Policy

1. For products purchased with installation, we offer a full warranty (installation must be done by our company's technician). The mechanical parts are covered for 2 years, and the electronic circuit board is covered for 1 year.
2. The product is covered under warranty for 2 years from the date-month of purchase as recorded in our system. If any issues arise after receiving the product, please contact our store's inbox for assistance or replacement.
3. For products purchased without installation, within the first 7 days from the date of purchase, if the product has any issues, we will replace it with a new one. However, the product must be returned in its original condition, including the packaging, box, and all accessories, which must be intact and complete.
4. The warranty sticker on the product must remain intact, undamaged, and not removed or lost. (See illustration)



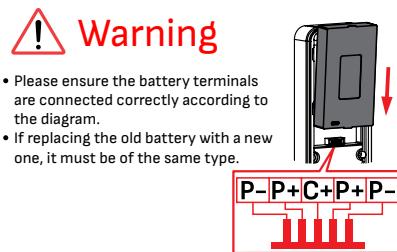
5. Removing the red terminal from the circuit board will immediately void the warranty. (See illustration)



6. Any damage to the product, such as breakage, cracks, dents, burns, electrical shocks, chips, bending, warping, fractures, falling, punctures, water ingress, scratches on the circuit board, or missing components (e.g., screen, device casing, buttons), will result in the immediate voiding of the warranty.
7. Damage caused by accidents, fire, natural disasters (e.g., lightning strikes, flooding, earthquakes, severe weather), insects, or animals will void the warranty immediately.
8. Damage resulting from misuse, improper connection of other devices, unauthorized repairs or modifications, or the use of non-original parts will immediately void the warranty.
9. Products that exhibit abnormal conditions, which should not occur naturally, or improper storage (e.g., adhesive residue, oxidation marks, water stains, animal excrement, rust, or broken circuit board traces) will result in the immediate voiding of the warranty.
10. The company reserves the right to reject product returns if the customer is dissatisfied with the product after it has been unboxed or used.
11. The company reserves the right to amend or change the warranty terms without prior notice.

46. Safety Manual and Precautions

1. The 7.4 Volts lithium battery should not be exposed to fire or flames to prevent the risk of explosion.
2. Please do not disassemble the product to avoid damaging it.
3. Do not scratch the fingerprint scanner with sharp objects, as this may cause permanent damage.
4. Do not allow the product to be exposed to water leakage or splashes.
5. Do not connect the device to household electrical wiring.
6. To clean, please wipe with a soft cloth.
7. Do not remove the battery while setting up the operation.
8. When the digital door lock shows a low battery warning, please charge the battery immediately



47. Additional Information

1. When the battery drops below 7.2 volts, a warning will be displayed to replace the battery. If the battery drops below 7.0 volts, the key will automatically shut down.
2. To set the time, enter the year, month, day, and time. Please sync with the application to ensure accurate time.
3. During the setup process, if there is no action within 10 seconds, the system will automatically exit.



clock@cyber-lock.com
www.cyber-lock.com

Siam Inter Lock Tek Co.,Ltd.