

Smart Lock



Model : EMR4112G-HK01
EMR4112Y-HK01

5-in-1 Unlocking Modes

(Fingerprint, Password, IC Card, Mechanical Key,
Remote Unlock)

Virtual Password

Doorbell

Automatic Locking



Model : EMD4112G-HK
EMD4112Y-HK



Thank you for choosing a Panasonic product. Please read the instruction manual carefully before use and keep it for future reference.

- Please complete the warranty registration section and return it to Shun Hing Electric Service Centre Ltd., and ensure retain your warranty record card.
- The Company reserves the right to interpret any printing errors or misunderstandings in the content of this manual.
- The images in this manual are for illustrative purposes only; please refer to the actual product.
- Should there be any technical improvements, they will be included in the new version of the manual without prior notice; the appearance and color of the product are subject to change, and the actual product will prevail.

Safety Precautions

Safety Precautions (Please read and comply with the safety guidelines thoroughly)

- ⊘ Before using the smart lock, ensure you have read and understood all instructions. Failure to follow these instructions may result in damage not covered under warranty.
- ⊘ Adhere to the warnings and cautions outlined below to prevent injury or property damage to users or others.

Warning

- ⊘ Do not install, dismantle, repair, modify, or alter the product yourself, nor use non-original parts from manufacturers for repairs, as it may pose hazards and void the warranty.
- ⊘ Avoid using sharp objects (such as pens, awls, or needles) to press buttons or insert into the keyhole.
- ⊘ Do not subject the product to strong impacts, drops, pulls, or strikes with hard or heavy objects.
- ⊘ Do not hang items on the handle to ensure normal operation of the lock.
- ⊘ The product should not be installed in outdoor environments exposed to the weather change.
- ⊘ Avoid using the product in high-temperature environments.
- ⊘ Prolonged exposure to sunlight can cause the touchpad to crack; install the product away from direct sunlight.
- ⊘ Do not use or place batteries near heat sources (like fire, heaters, or intense sunlight) as it may cause overheating or fire and result in reducing battery life.
- ⊘ Ensure no liquids penetrate the product.
- ⊘ Do not install the product in environments prone to leaks or splashes, and do not operate it underwater.
- ⊘ Avoid spraying insecticides or flammable sprays around the product, as it may cause damage.
- ⊘ Keep batteries away from any liquids and store them in a cool, dry place when not in use.
 - Do not reverse the polarity of batteries or short-circuit them with metal objects, as it may cause explosions.
 - Do not transport or store batteries with metal objects like hairpins or necklaces.
 - Refrain from knocking, throwing, or stepping on batteries.
 - Avoid using the product in areas with strong static electricity or magnetic fields as they can damage the battery's safety protection features and trigger risks.
 - This product is designed for household use, not apply for commercial or industrial purposes.

Safety Precautions

Cautions

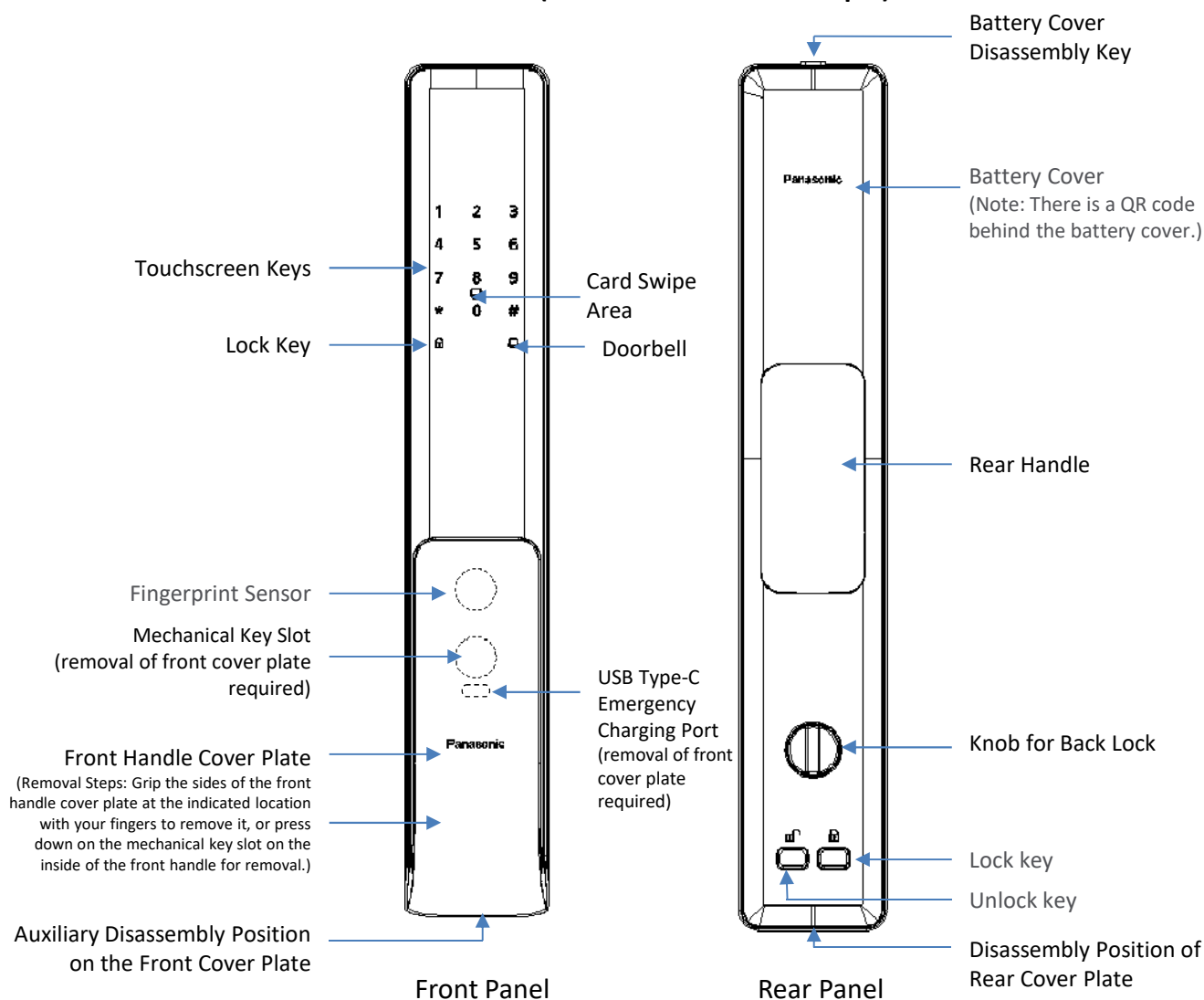
- Manage your passwords carefully and change them regularly for security; always ensure the door is fully locked when leaving home. The Company is not responsible for incidents due to user negligence.
- Store mechanical keys securely for emergency use.
- Be careful not to bump into handles to avoid injuries.
- Product in wireless communications may be subject to interference which may affect operation.
- This product is suitable for use by children and individuals with physical, sensory, or mental disabilities, or those lacking experience and knowledge, under close supervision and guidance of a responsible adult so that they can safely use the product and understand potential dangers.
- To prevent dirt accumulation on the keypad and fingerprint sensor, regularly wipe the lock body with a soft cloth. Do not directly wash with water or use benzene, alcohol, or corrosive chemical cleaners.
- Frequent forceful door closing may damage the lock body. Avoid slamming the door when the latch is extended.
- Adjust the lock promptly if the door or frame deformations prevent proper locking of the latch.
- Lithium batteries should not be fast-charged. If stored or unused for prolonged periods, charge them every six months to prevent damage from self-discharge.
- Replace all batteries promptly when power is low and ensure correct installation of battery terminals.
- In case of battery leakage and electrolyte contact with eyes, do not rub; rinse with water and seek medical attention immediately to prevent eye injury.
- If the battery emits an odor, heats up, changes color, deforms, or shows any abnormality during use, storage, or charging, remove it immediately from the device or charger and discontinue use.
- Clean dirty battery terminals with a dry cloth before use to prevent poor contact and malfunction.
- Dispose of spent batteries properly by insulating the terminals to prevent fires or explosions. Do not dispose of with regular household waste.
- If the product malfunctions, or if the power cord is exposed or damaged, do not use the product. To avoid hazards, have it repaired by Shun Hing Electric Service Centre Ltd.
- Keep the product warranty card and purchase invoice for future warranty purposes.

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I. Product Overview

1. Illustrated Guide to the Product (EMR4112G-HK01 as sample)



2. Introduction to Function Keys

Factory Settings - Simultaneously long press the "Unlock key" and "Lock key" on the rear panel, and wait for the voice prompt "For factory settings, press '#' to confirm and press '*' to return". Follow the instructions after the voice prompt;

Access the administration options - Use the touchscreen keys on the front panel: Press "*" & "#";

"*" - A function key to clear or return;

"#" - A function key to confirm or enter;

Front Panel :

Lock Key - Press once to automatically lock the electric lock;

Doorbell key - Press once to activate the doorbell on the rear panel;

Rear Panel :

Unlock Key – Under the locked state, press once to unlock the main latch of the electric lock;

Locking - Press once to automatically lock the electric lock.

II. Function Overview

1. Definitions of Functions/Terms

Administrator:

A user with the authority to unlock and access the system's administration options for operation;

Normal User:

A user limited to unlock only, without access to the administration options;

Unlock Information:

The user's fingerprints, passwords and access cards collectively referred to as unlock information;

Incorrect Attempt Alarm:

Triggered when password, fingerprint, or access card verification fails for 3 times, an alarm will sound; when the accumulated number of failed password, fingerprint or access card verifications reaches 5 times, the keyboard will be locked, and follow with a voice prompt **【System Locked】** is triggered. For the next 90 seconds, the system will not respond to any operations. After 90 seconds, the system will resume operation;

Anti-pry Alarm:

When the front panel is tampered with, the lock will emit an alarm sound;

Door Left Open Alarm:

When the door remains open for 30 seconds, an alarm sound will activate along with the prompt "The door was not closed properly". Open for 50 seconds, a "beep beep beep" alarm sound will occur and upload to the APP (display "The door was not closed properly").

Dual Verification Function:

Require input of unlocking information from two normal users to unlock;

Virtual Password Function:

Enter irrelevant digits before and after the actual password and press the "#" key to unlock when the correct password is included but the total length falls short of 16 digits. Automatic unlocking occurs when the total length with the correct password included reaches 17 digits. (The authentic password must be included within 16 digits.);

Silent Mode Function:

Upon waking the panel, simply press the "1" + "#" keys to automatically enable silent mode. To exit silent mode, press the same keys again;

Factory Default State:

In the factory default state, any fingerprint, access card or password (only "123456") can unlock the door. It is highly recommended to promptly set up an administrator after installation or restoring the factory settings;

Low Voltage Alarm:

Once the Low Voltage Alarm is triggered, a voice prompt will advise, "Low battery, please replace the batteries";

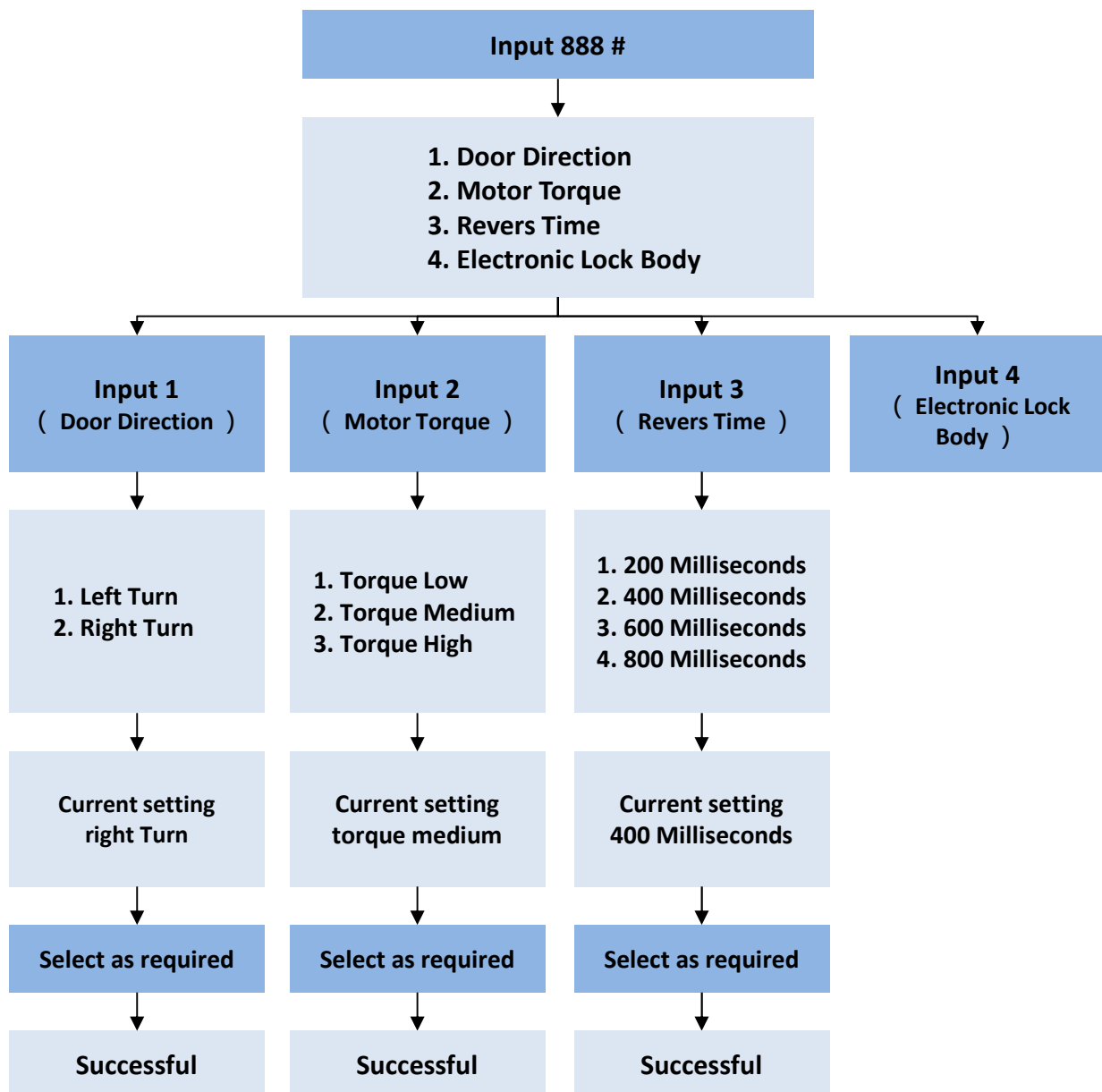
Note: After the Low Voltage alarm warning, the door lock can still open and close normally for at least 50 times. Please recharge the battery promptly; failure to do so would necessitate unlocking using the mechanical key or an external emergency power source.

III. Functions and Operations

1. Initial Setup

1.1 Installation Instructions

Upon installation of a new lock, the first step is to configure the door direction.



Note: The electronic lock body is initially in the open state; if closure is needed, manual locking is required.

III. Functions and Operations

1.2 Unlocking

Upon initial activation, the door lock is in its factory state, allow any fingerprint/card/initial password (only "123456") to unlock it. It is advised to promptly set up the administrator after installation.

The default language for the door lock is English. To set it to Chinese, please refer to the instructions in the user manual under "3. System Settings" - "3.2 Language and Volume."

Note: It is recommended to use the virtual password function to prevent the actual password from being exposed.

1.3 Locking

This is a fully automated electric lock that supports both delayed auto-lock and sensor detection auto-lock. Locking can also be done through the lock key on the keypad.

Delayed Auto-Lock :

After unlocking, a countdown begins, the lock will automatically close when the timer ends. (timer length can be adjusted through settings).

Sensor Detection Auto-Lock :

A sensor under the beveled latch triggers the motor to auto-lock the deadbolt once door closure is confirmed.

III. Functions and Operations

2. User Settings

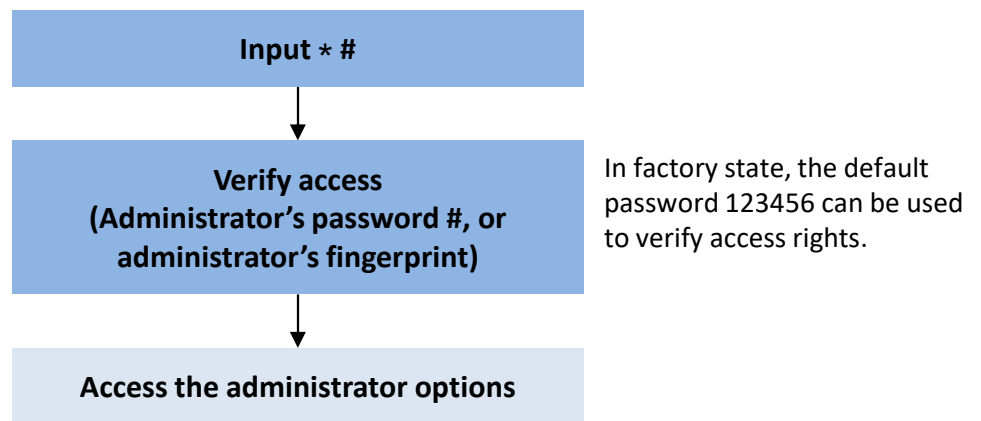
2.1 Accessing Administrator Options

There are only 9 administrators numbered from 001 to 009.

There are 191 normal users numbered from 010 to 200.

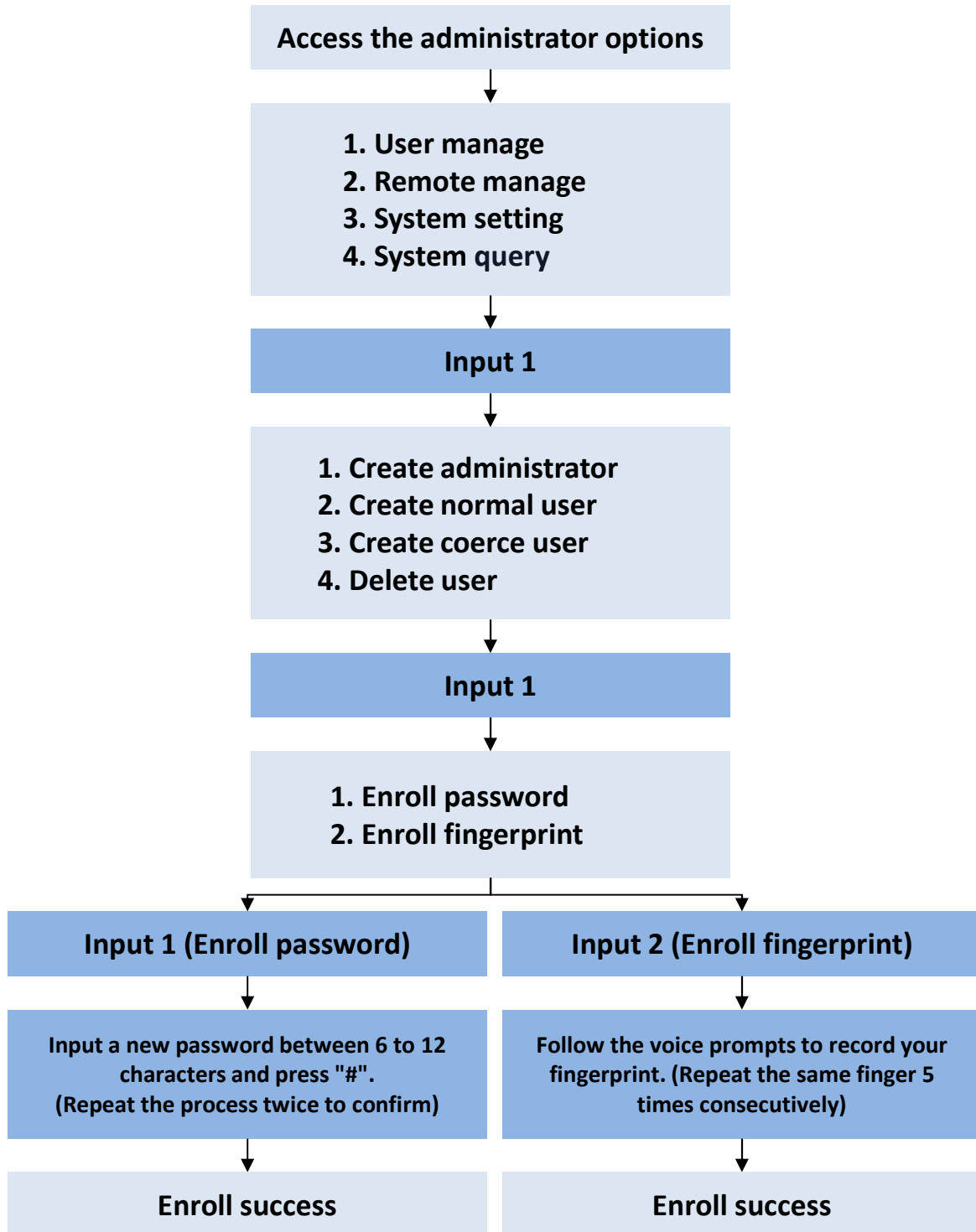
Please note down ALL user numbers after setting;

For security reasons, this lock only supports password and fingerprint authentication for administrator accounts. Card information cannot be recorded as administrators.



III. Functions and Operations

2.2 Administrator Settings

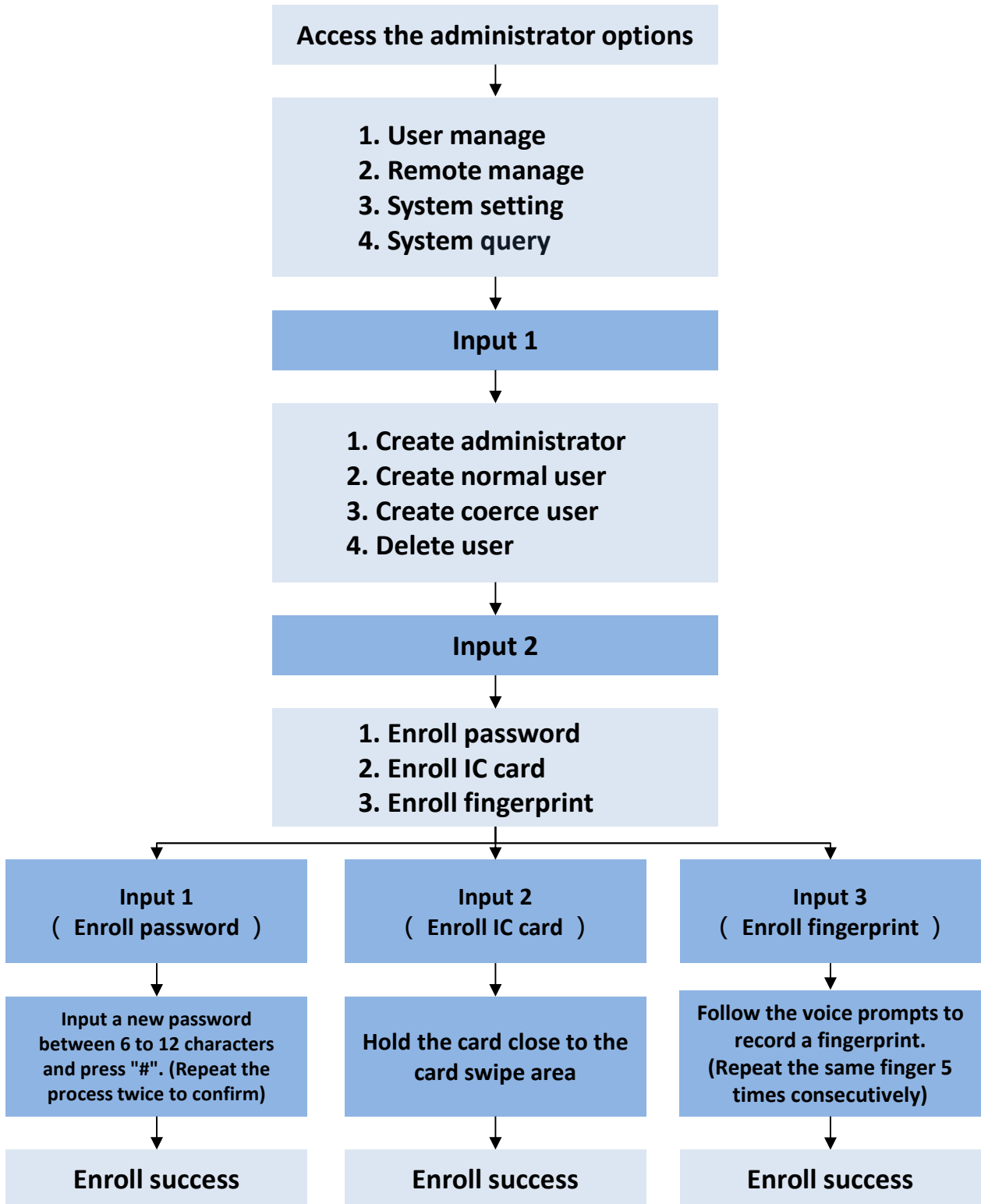


Note: After a successful enrollment, the system will automatically proceed to the next number. If it is no need to continue, press " * " to exit.

Please note down all entered user ID numbers for future modifications or deletions.

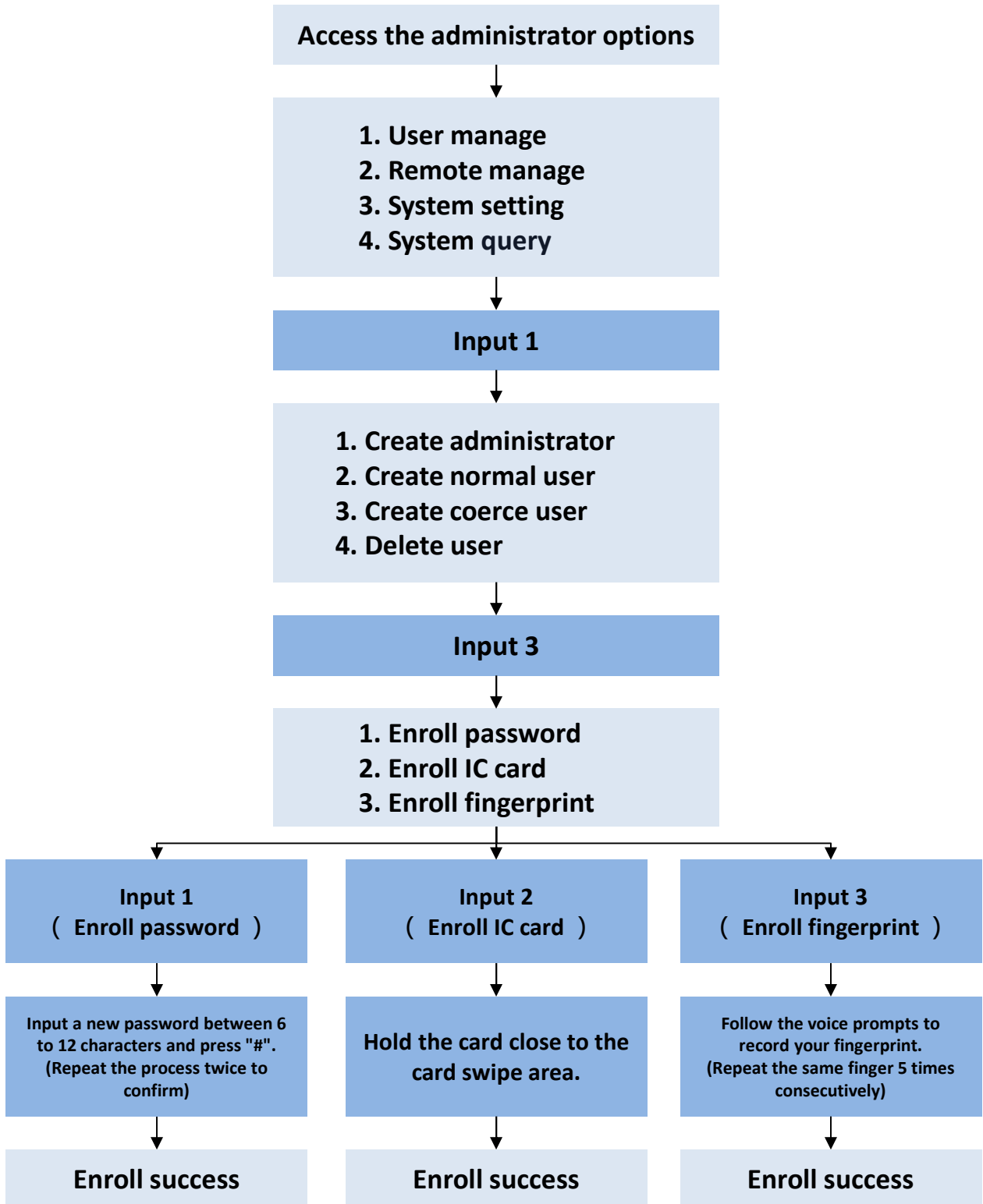
III. Functions and Operations

2.3 Normal User Settings



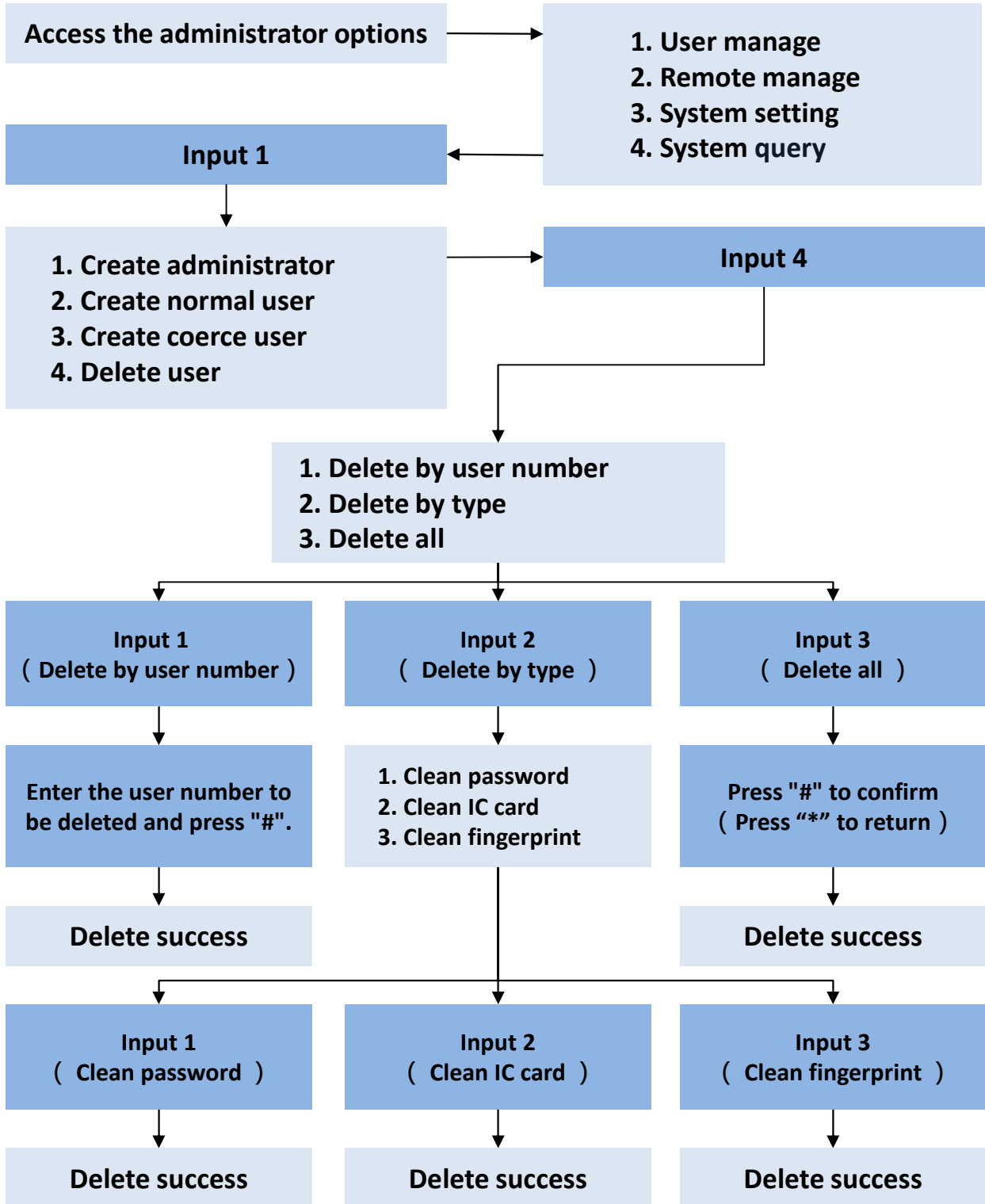
III. Functions and Operations

2.4 Coerce User Settings



III. Functions and Operations

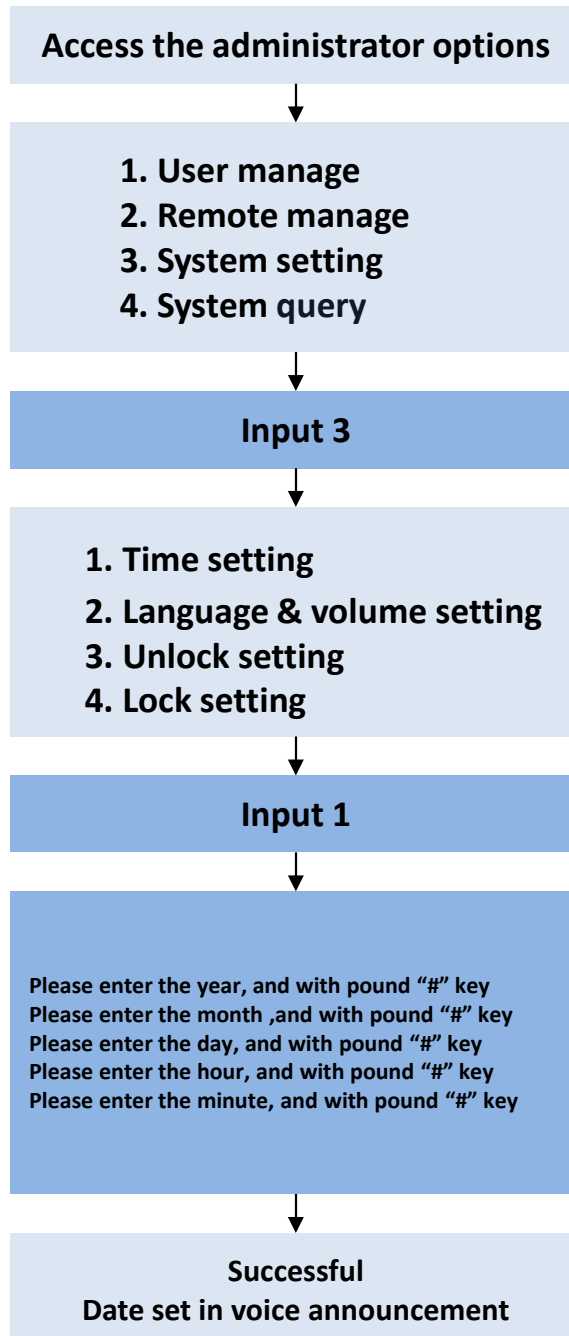
2.5 Delete User



III. Functions and Operations

3. System Settings

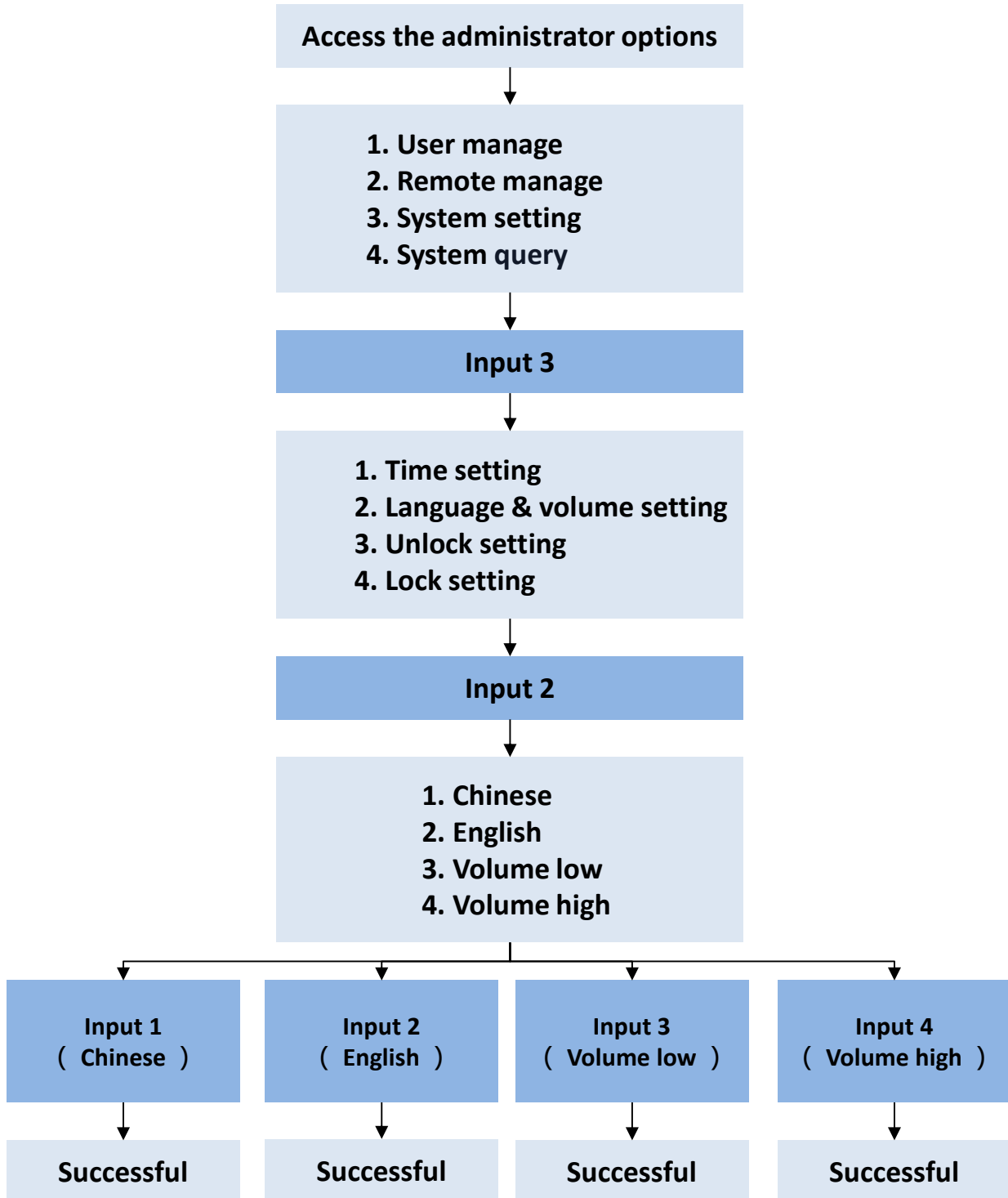
3.1 Time Setting



Example: 2025+"#"01+"#"01+"#"12+"#"12 "+" represents January 1, 2025, at 12:12 PM.

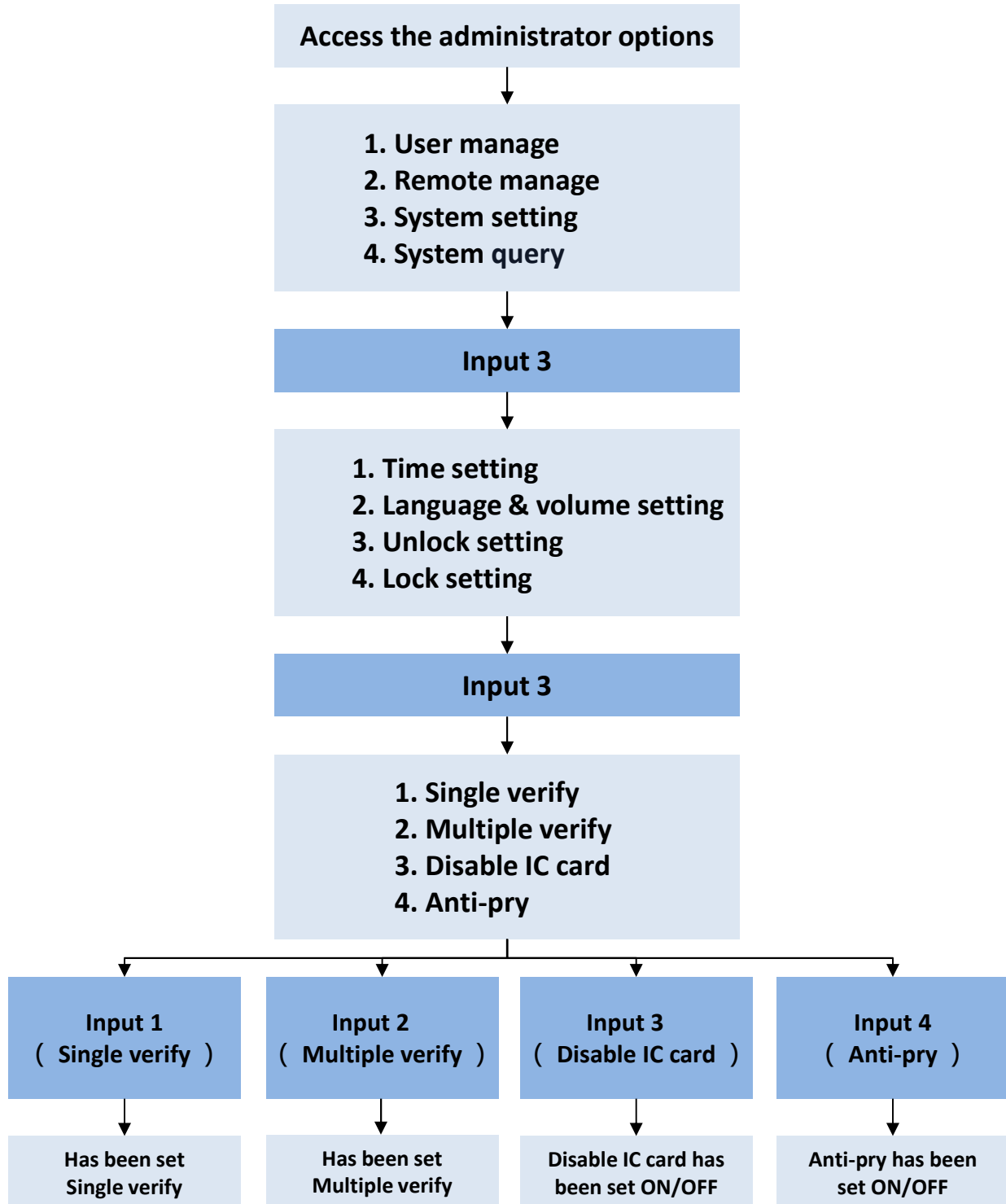
III. Functions and Operations

3.2 Language & Volume Setting



III. Functions and Operations

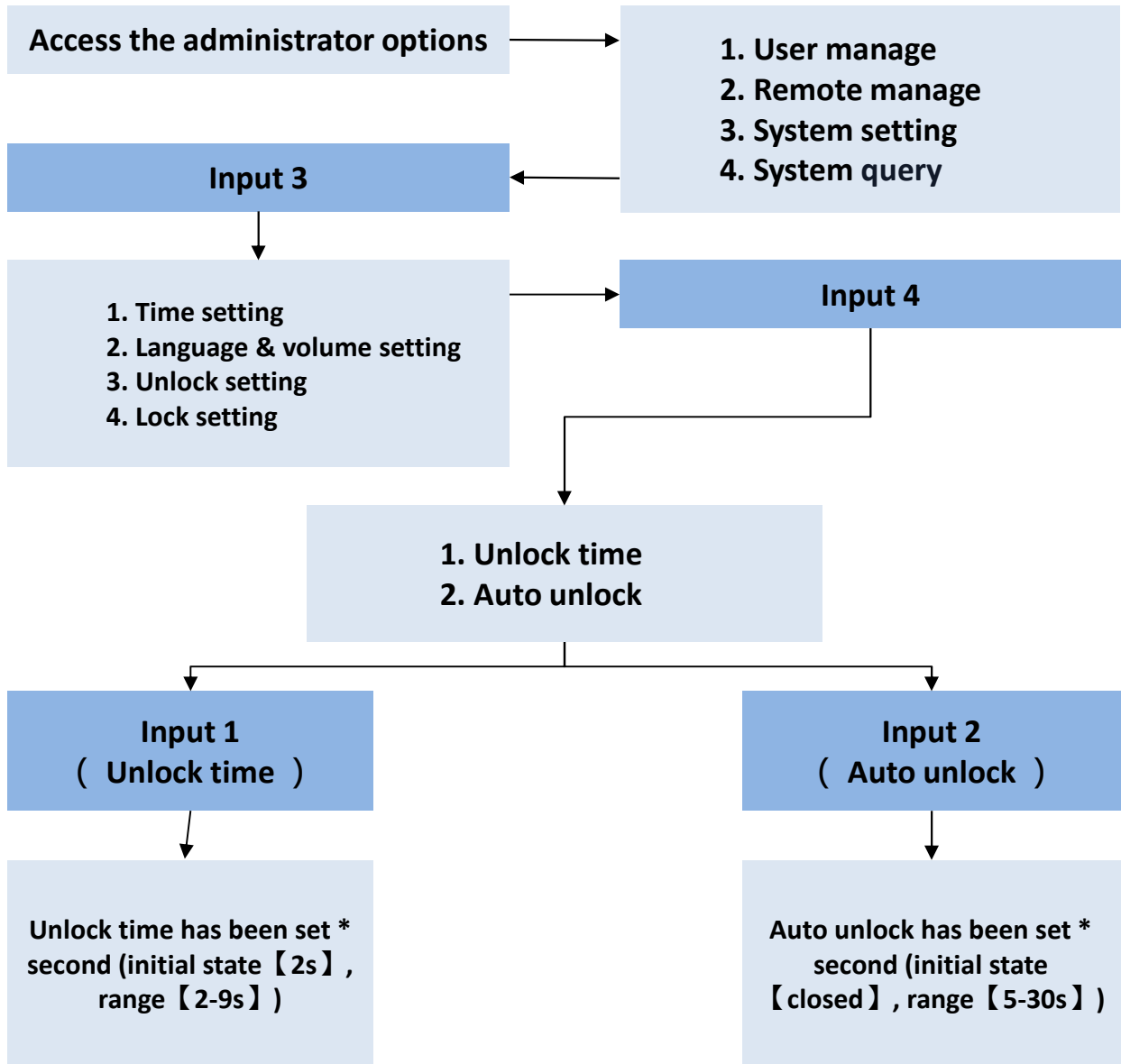
3.3 Unlock Setting



Note : In the multiple verify state, a single administrator password can still unlock it.

III. Functions and Operations

3.4 Lock Setting



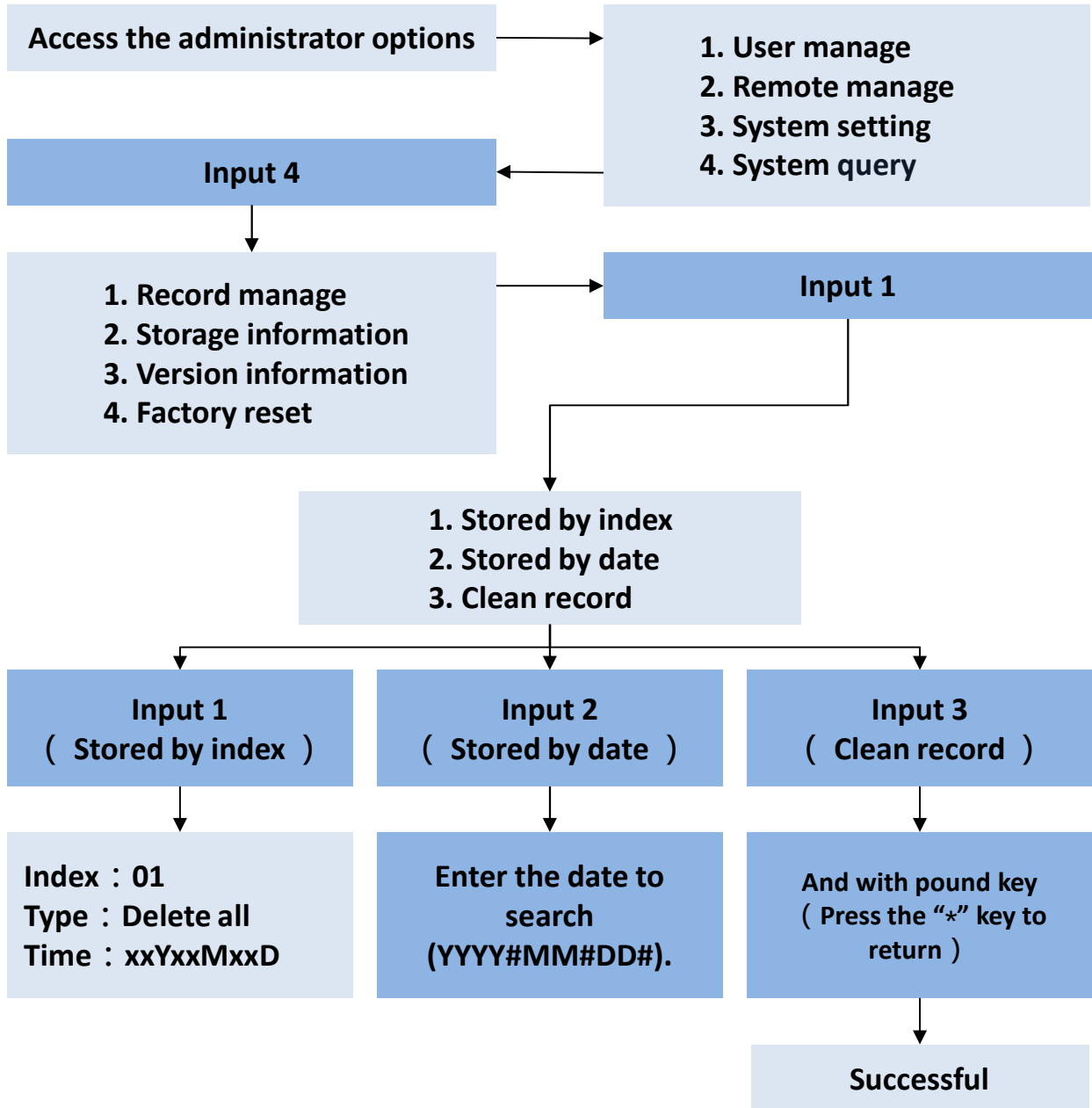
Note:

The "Unlock Time" refers to the duration before the deadbolt re-engages after unlocking.
The "Auto unlock" refers to the time it takes for the main latch to extend after unlocking.

III. Functions and Operations

4. System Query

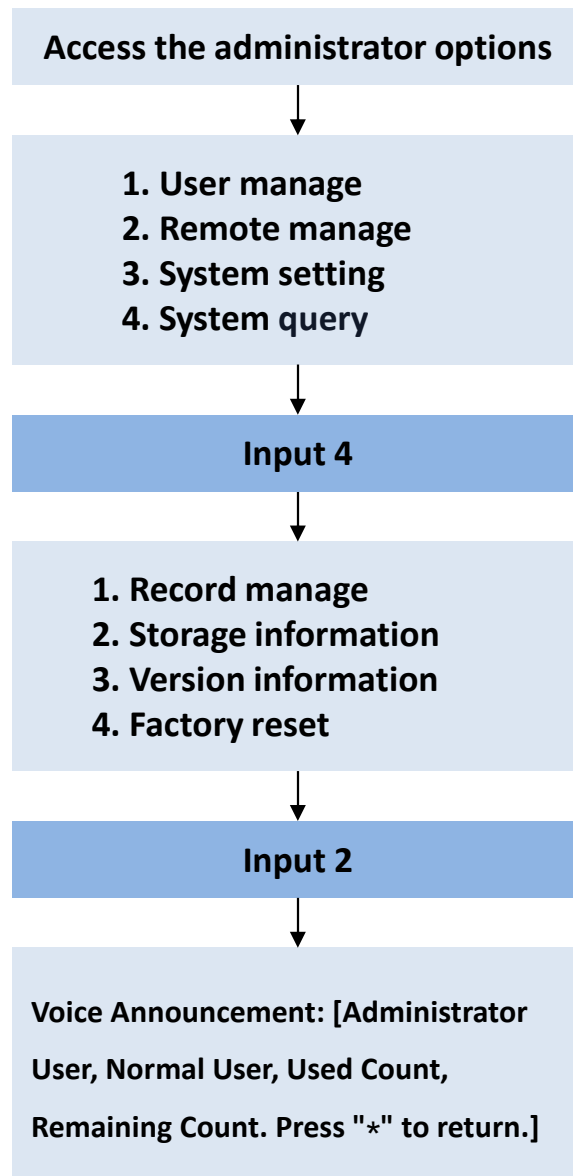
4.1 Record Management



Note: Press "2" and "8" to search by unlock time order; press "*" to return to the previous menu.

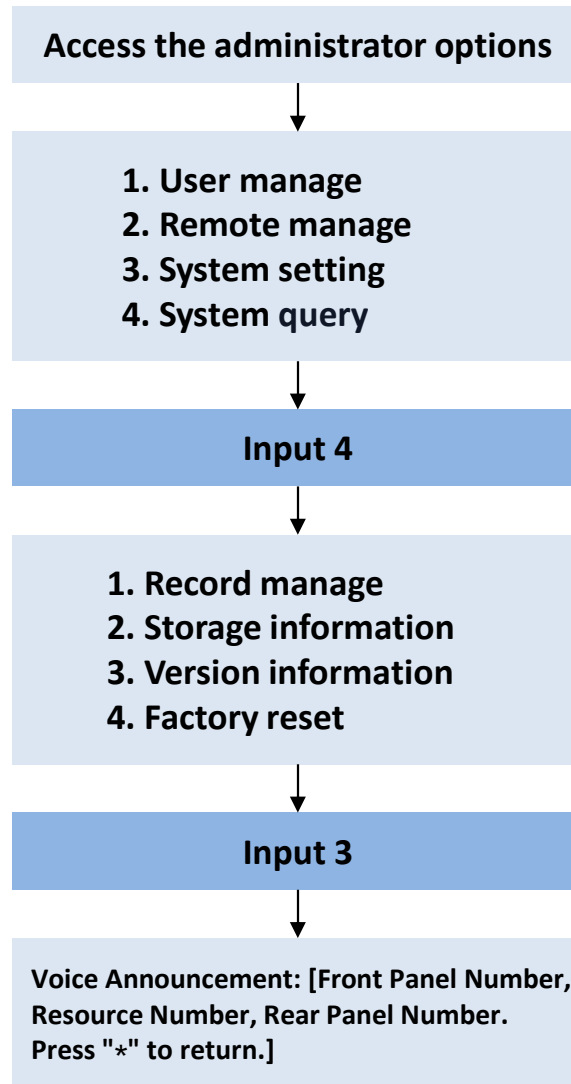
III. Functions and Operations

4.2 Information Storage



III. Functions and Operations

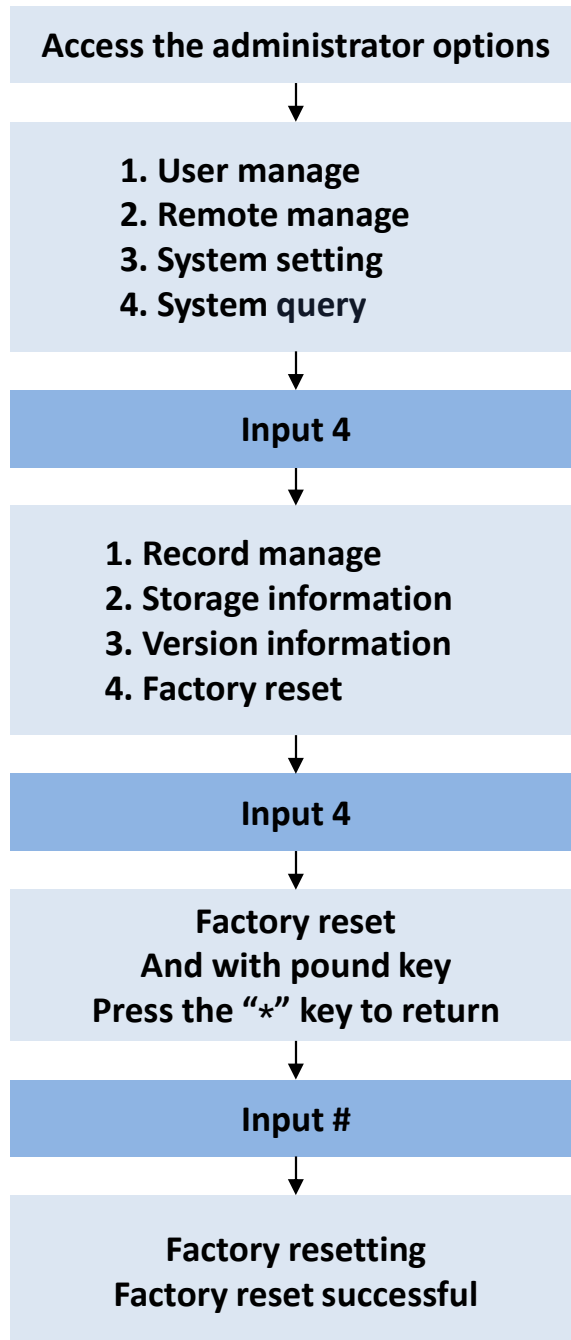
4.3 Version Information



Note: Version information can also be announced by pressing "0" + "#" without entering any menu.

III. Functions and Operations

4.4 Factory Reset



Note: You can also restore the factory settings by holding down the “Unlock Key” and “Lock Key” on the rear panel simultaneously;

*Factory reset will erase all configurations, returning the lock to its original state;

*Unlock records and remote settings cannot be cleared or modified.

IV. Downloading Phone App

1. APP Download

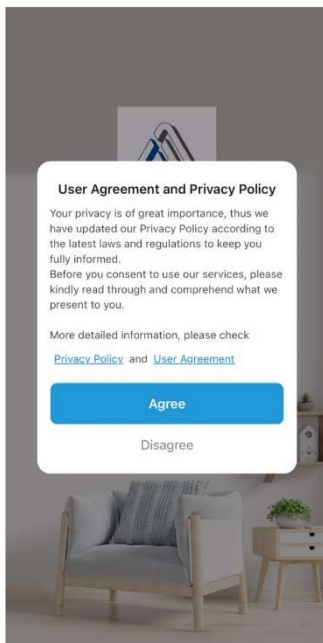
Download the Shun Hing Group APP: Scan the QR code below, or visit Google Play/Apple's "App Store" to download and install.



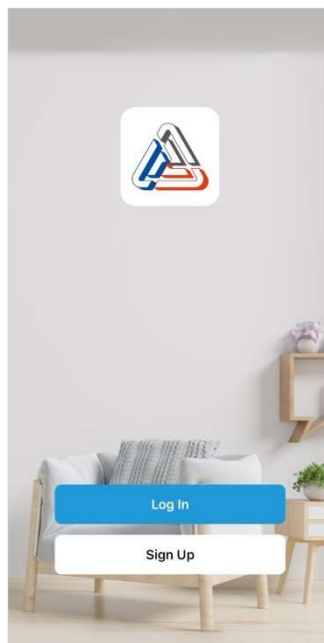
2. APP Operation

1) Account Registration

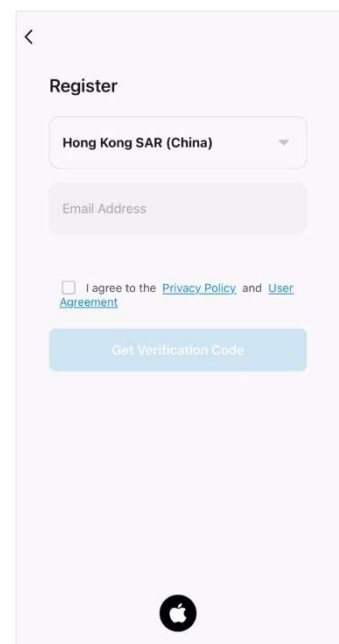
- ① Upon first opening the App, a user notice will appear. Click "Agree" to proceed;
- ② Click on " Sign Up";
- ③ Select your region, enter your email, check "I agree to the User Agreement and Privacy Policy", then click "Get Verification Code". Enter the verification code, and you will be automatically directed to the next step.



①



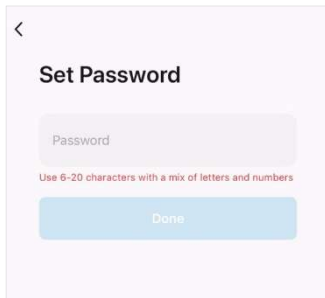
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IV. Downloading Phone App

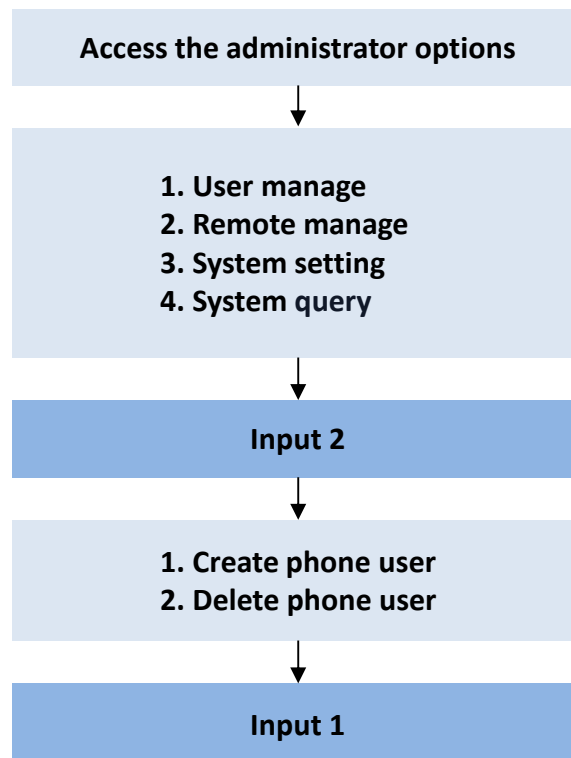
④ Enter the Set Password interface, configure your password (which should be a combination of numbers and letters, 6 to 20 characters long), and click " Done" to complete the registration and proceed to the next step.



④ 2) Adding Device

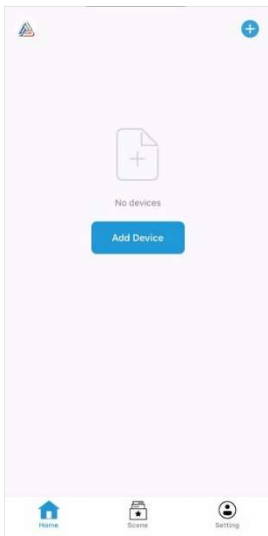
When adding a device, ensure your phone is connected to WiFi, and both the door lock and your phone are on the same WiFi network.

Enter the pairing mode on the lock to begin the setup process.

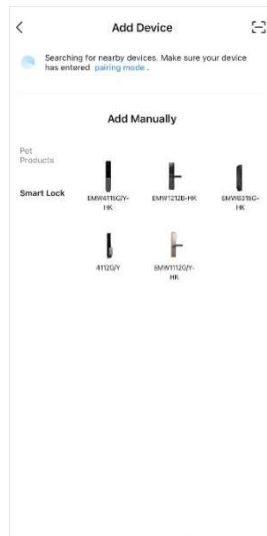


IV. Downloading Phone App

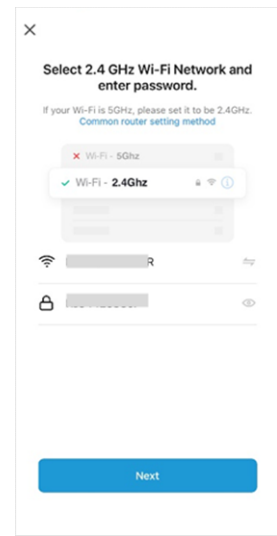
- ① Click on "Add Device" or the "+" icon at the top right to access the "Add Device" page;
- ② Select "Smart Lock" and then click on "4112G/Y" to proceed to the next page;
- ③ Choose your home's 2.4GHz Wi-Fi network and enter the WiFi password, then click "Next";



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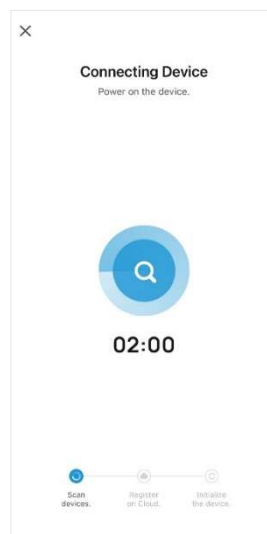


③

- ④ After confirming that the lock's key 0 is flashing, check the "WiFi Quick Connect" box at the top right and select "Confirm Keyboard Light Flashing", then click "Next";
- ⑤ Wait patiently for a few seconds until the device is successfully added. Click "Done" to enter the device panel interface.

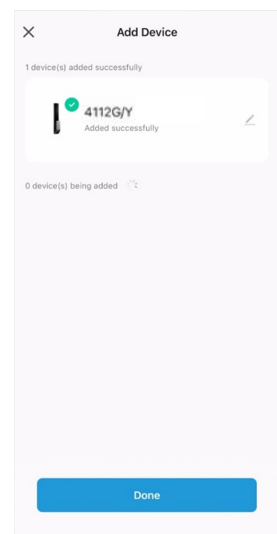


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⑥

[Click here to return to Contents](#)

IV. Downloading Phone App

Network Configuration instructions:

The WiFi configuration mode has a time limit; if exceeded, it will automatically exit. If WiFi configuration fails, please check the following:

- ① Ensure the WiFi password is correct and that the network name does not contain special characters.
 - ② Make sure the device is connected to a 2.4G frequency WiFi network.
 - ③ Ensure the device, phone and router are within 1 meter of each other during configuration.
- After confirming the above, remove and reinsert the battery, then retry the network setup.

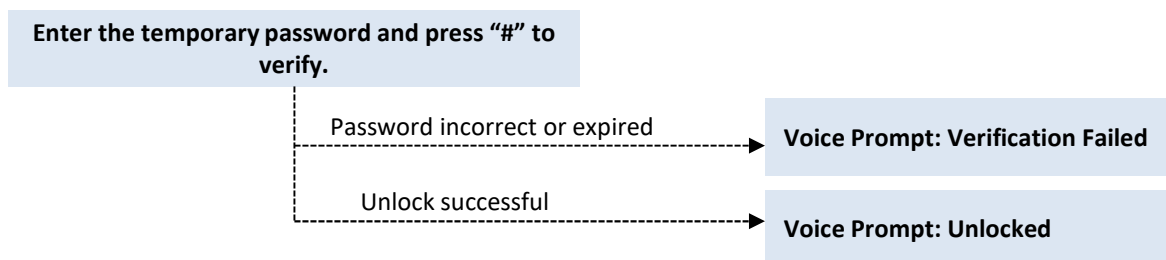
3) Remote Unlock

When a visitor needs to unlock the door remotely, the visitor should press "3" then "#" on the lock. Upon receiving the notification on your phone, click "Remote Unlock". A Remote Unlock dialog will appear; click "Confirm" to remotely unlock the door.

4) Temporary Password

Select the device on the main page of the APP, then click on "Temporary Password". Click the "+" icon in the top right to set the usage time and password according to your needs.

Note: Once set, temporary passwords cannot be viewed again, please save them promptly.



Temporary Password Statuses:

Pending Issue: Indicate the password is synchronized to the cloud server and is awaiting synchronization with the lock.

Pending Deletion: Indicates the password is synchronized to the cloud server and is awaiting synchronization with the lock.

Deleted: Indicate the password has been deleted by the user.

Expired: Indicate the password has expired.

Active: Indicate the password is valid for use.

Attention: After adding a temporary password, if immediate synchronization is required, press the doorbell or attempt an unlock verification from the outside. The lock will then try to synchronize.

IV. Downloading Phone App

5) Remote Dynamic Password

On the App's main page, select your device to enter the electric lock operation interface. Swipe left on the electric lock icon to reveal "Remote Dynamic Password". Click to generate a dynamic password.

Ensure the lock's time is correct for the first-time use.

Each dynamic password is valid for 5 minutes.

There is no limit on the number of unlocks within the validity period.

6) Device Sharing

Device can be shared with friends and family. On the App's main page, select the device to be shared, then click "Member Management". Click the "+" icon in the top right to enter the member addition interface. Follow the prompts to fill in the information and share. The shared user must agree before using the shared device's functions.

Note: Only the primary user of the device can use the sharing function. The shared user must be registered and logged into the Shun Hing Group App; otherwise, the sharing function will not be available.

7) User Unlock Records

On the App's main page, select your device and click "Records" to view all unlock records. Return to the operation interface and click "Alarm" to view alarm messages.

Note: If the door lock is not connected to the network when the door is unlocked, the unlock record will not be uploaded to the server, which might result in the loss of records.

8) Unbind Device

Open the Shun Hing Group App → Press and hold the device to be unbound → Remove Device

9) Hijack User Alarm Setting

Method 1: Set on the Lock

Refer to [section 2.4 Coerce User Setting](#)

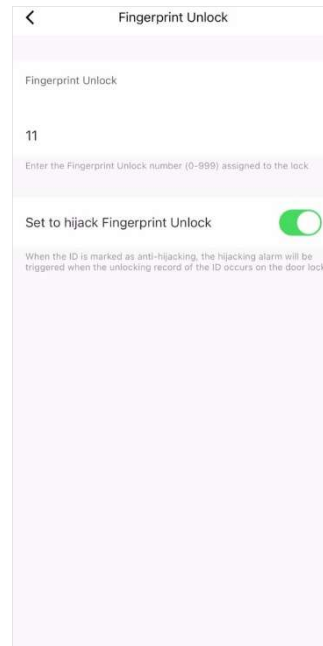
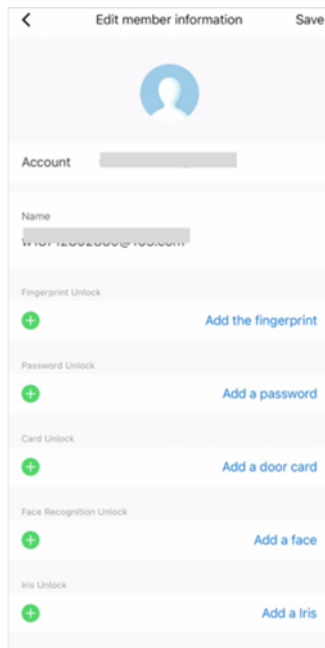
Method 2: Set on the App

① Enter Member Management, select the member to add hijack information, and click "Edit";

② Select the unlock information to be set, using "Hijack Password" in the figure as an example, and click "+";

IV. Downloading Phone App

- ③ After enter the user ID, turn on the switch next to "Hijack Password" (indicated by a green color) ;
- ④ Return to the member editing interface and click "Save" to finalize the settings.



Attention: When using a hijack alarm user to unlock the door, the lock will open normally without sounding an alarm; an alarm message will be pushed to the App. If the door lock is not connected to the network when the door is unlocked, the alarm information will not be uploaded to the server.

V. Technical Parameters

Type	Description
Front Panel Dimensions (HxWxD)	EMR4112G/Y-HK01: 413mm × 70mm × 70mm EMD4112G/Y-HK: 420mm × 70mm × 70mm
Rear Panel Dimensions (HxWxD)	EMR4112G/Y-HK01: 420mm × 72mm × 68.5mm EMD4112G/Y-HK: 420mm × 72mm × 68.5mm
External Materials	Aluminum Alloy, PC
Latch Materials	304 Stainless Steel
Touch Keys	14
Battery	Lithium Battery
Emergency Power	USB Type-C Power Supply Interface
Unlock Modes	Fingerprint, Card, Password, Mechanical Key, Remote Unlock
Unlock Records	Available
Administrator Users	9
Normal Users	191
Virtual Password Function	Available
Low Voltage Alarm Function	Available
Incorrect Attempt Alarm Function	Available
Anti-pry Alarm Function	Available
Coerce Alarm Function	Available
Door Left Open Alarm	Available
Rated Voltage	DC 7.4V
Working Temperature	-20°C~50°C
Relative Humidity (R.H.)	≤90%RH

VI. Frequently Asked Questions (FAQ)

Questions	Possible Causes	Solutions
Information as "System Locked"	5 consecutive incorrect unlock attempts	Wait 90 seconds before retrying with the correct unlock information.
On front panel, only "*" and "#" Keys light up.	Program error	Press "*" again to see if the numeric keys light up normally.
"Low battery, please renew" as prompted by the system	Low battery	Charge the lithium battery promptly.
No response during unlock	Battery failure or circuit board malfunction	Unlock with indoor handle/mechanical key/emergency USB-C power.
Unable to connect to network	Poor WiFi signal; or special characters in WiFi name	Move the router closer to the lock; modify the WiFi name (numbers or English).


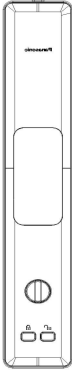
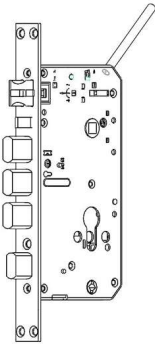
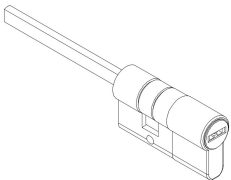



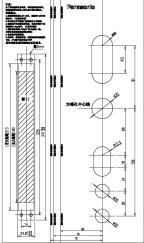


Attention

- In the event that the internal battery drains and prevents door access, you can use the external power port for emergency unlocking.
- The lithium battery does not support fast charging. For replacements, always use the official lithium battery to prevent damage to the electric lock.
- If the above methods cannot solve the problem, please contact Shun Hing Electric Service Centre and arrange professional technicians to resolve the issue.
Shun Hing Electrical Service Centre Limited Hotline: 2406 5666
Or use the website to inquire: <https://www.shunhing-service.com/cindex.asp/contact>
- Do not use consecutive or identical numbers as passwords.

VII. Product List

Model : EMR4112G-HK01/EMR4112Y-HK01


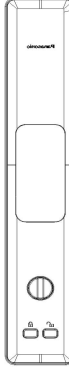
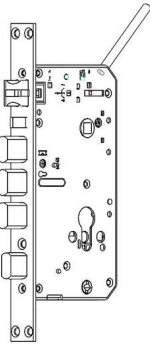
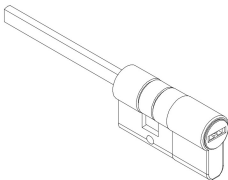

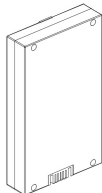

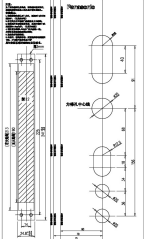
 <p>Front Panel x 1</p>	 <p>Rear Panel x 1</p>	 <p>Lock Body x 1 & Accessories</p>
 <p>Lock Cylinder x 1 / Key x 2</p>	 <p>Card x 3</p>	 <p>Lithium Battery x 1</p>
 <p>User Manual x 1</p>	 <p>Installation Template x 1</p>	

Accessories

Item	Qty.
ST5×20 Self-tapping screw	8
Stainless Steel Pan Head Screw M5×35、M5×60、M5×80	2 for each (Total 4)
Square Bar 70mm, 100mm	1 for each (Total 2)
Long Sleeve M5×M6×35、M5×M6×50	2 for each (Total 4)
Stainless Steel Counterbore Screw M5×12	3
Latch Rod, Split Pin	1 for each (Total 2)
Stainless Steel Counterbore Screw M5×75	1

VII. Product List

Model : EMD4112G-HK/EMD4112Y-HK

 <p>Front Panel x 1</p>	 <p>Rear Panel x 1</p>	 <p>Lock Body x 1& Accessories</p>
 <p>Lock Cylinder x 1 / Key x 2</p>	 <p>Card x 3</p>	 <p>Lithium Battery x 1</p>
 <p>User Manual x 1</p>	 <p>Installation Template x 1</p>	

Accessories

Item	Qty.
ST5×20 Self-tapping screw	8
Stainless Steel Pan Head Screw M5×35、M5×60、M5×80	2 for each (Total 4)
Square Bar 70mm, 100mm	1 for each (Total 2)
Long Sleeve M5×M6×35、M5×M6×50	2 for each (Total 4)
Stainless Steel Counterbore Screw M5×12	3
Latch Rod, Split Pin	1 for each (Total 2)
Stainless Steel Counterbore Screw M5×75	1

VIII. After-sales Service

- 1) Within the warranty period, if the service personnel at Shun Hing Electric Service Centre Ltd. confirm that the product failure occurred under normal usage conditions, the Company will provide free repairs and replacement of parts. Any defective parts replaced will become the Company's property.
- 2) The warranty does not cover repairs or replacements of consumable parts, accessories, external cables, or casings. Additional charges will apply for such services.
- 3) The warranty will be void if any of the following conditions are found on the appliances listed on the warranty card:
 - The product has been modified, altered or repaired by non-authorized technicians, either visibly or invisibly;
 - The product has been misused, improperly used, or neglected, or damaged by liquid immersion, water splashes, abnormal power supply, natural disasters, accidents, or external factors;
 - The product is not installed at a fixed land location;
 - The installation location adversely affects normal operation;
 - The product has been installed in an unsuitable outdoor environment.
 - Non-industrial/commercial models are used for industrial/commercial purposes;
 - The user relocates or changes ownership without timely notification to Shun Hing Electric Service Centre Ltd.
- 4) For details, please refer to the product warranty terms and conditions available online.
- 5) Users are required to present the purchase receipt and warranty card during repairs. For any inquiries, please contact Shun Hing Electric Service Centre Ltd. at our hotline: 2406 5666.

Certificate

The product batch number can be found on the product nameplate or packaging. This product has passed quality inspection.

Quality Inspector :





信興電工工程有限公司

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E-mail : shew@shunhinggroup.com

保養及維修 Maintenance and Repair Service:

信興電器服務中心有限公司

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2) 9/F., Block B, Peninsula Centre, 67 Mody Road, Tsimshatsui East, Kowloon, H.K.
3) Avenida de Venceslau de Morais, No. 193-199, 5 andar-I, Edf.
Industrial Nam Leng, Macau

有關最新之香港及澳門客戶服務中心資料，請參閱信興服務中心

網址：<http://www.shesc.com>

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<http://www.shesc.com>