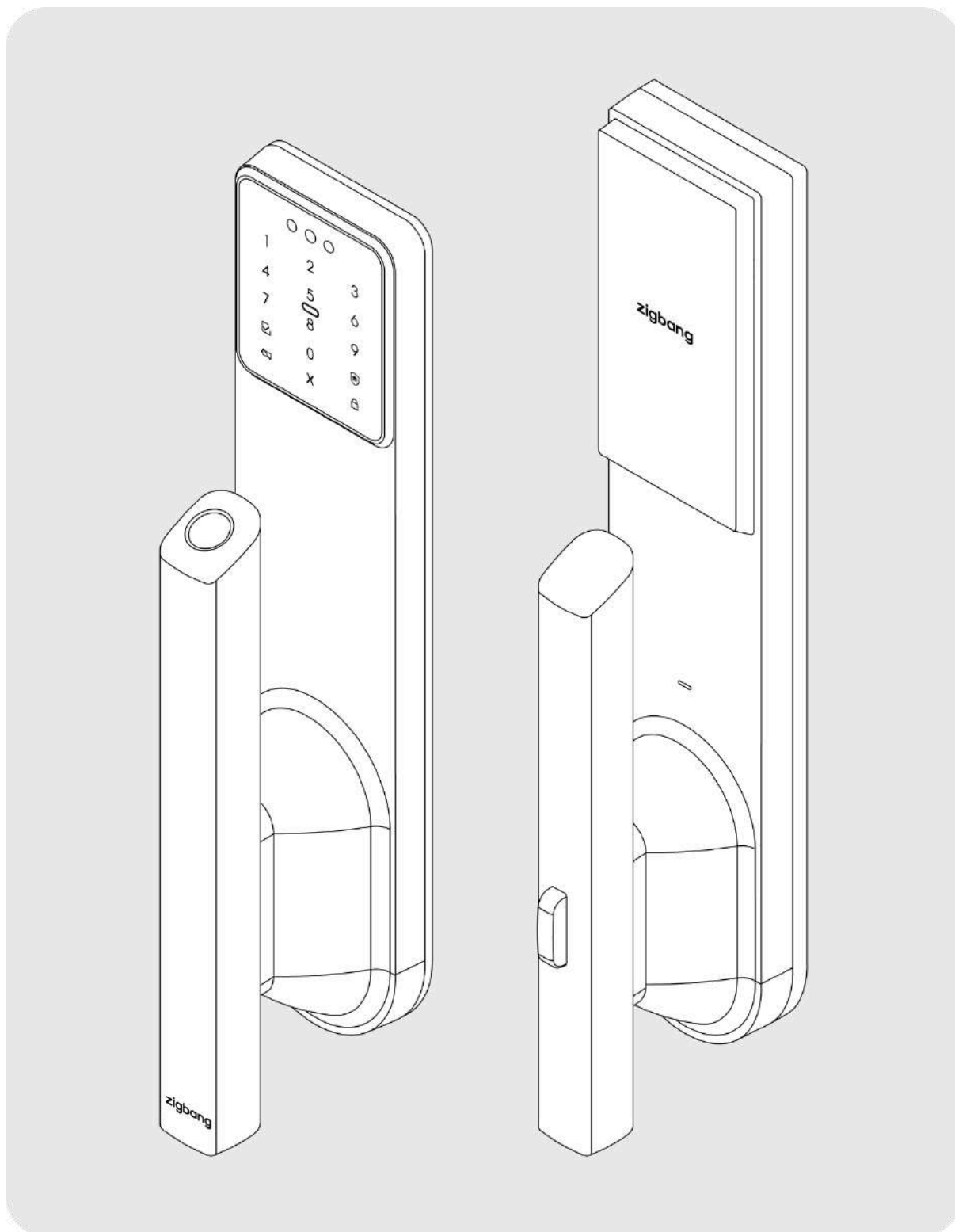




ZD-R71 User Manual



Safety Precautions

1. Product Overview
2. How to Open the Door from the Outside
3. How to open the door from inside
4. How to Lock the Door from Inside
5. Registering with the Door Lock App
- 6. How to Manage Authentication Methods**
7. Mode Settings
8. Settings and Additional Features
9. How to Reset
10. Replacing the Battery
11. Emergency Operations & Safety Features
12. Product Specifications



Direct customer support and online inquiries may be limited depending on your region. For installation, technical support, or warranty services, please contact your local distributor or original point of purchase.

Safety Precautions



Safety precautions are intended to protect user safety and prevent property damage or inconvenience caused by accidents. Please read carefully and use the product correctly.

Do not install or repair the product arbitrarily. Also, do not install where the gap between the door and door frame exceeds 5mm.

- Do not apply excessive force to the buttons or press them with sharp tools.
- Do not operate the product with wet hands or allow liquids such as water or beverages inside.

- Clean the product with a soft, dry cloth only. Do not use water, benzene, or alcohol.
- Always ensure the door is fully locked when leaving.
- Insert batteries correctly according to polarities (+/-). Be careful as inserting batteries in the reverse direction of the polarity indicators inside the compartment may cause leakage or rupture.
- Battery consumption may increase depending on the wireless communication environment.
- This device may cause radio interference during operation and may receive harmful interference from other devices.
- As this wireless equipment may experience radio interference during operation, services related to human safety cannot be provided.
- Using the product in an environment with severe condensation may cause performance issues.
- It is recommended to maintain a minimum distance of 40cm when using the product.
- Service fees may incur if defects occur due to self-installation.
- Installation by Zigbang or an authorized technician from the point of purchase is recommended.
- The contents of this manual are subject to change without prior notice to users for product performance improvement.
- Product images are subject to change depending on circumstances, and colors may differ from the actual product.



This key-operated door lock requires familiarity with emergency manual opening methods in case of malfunction.

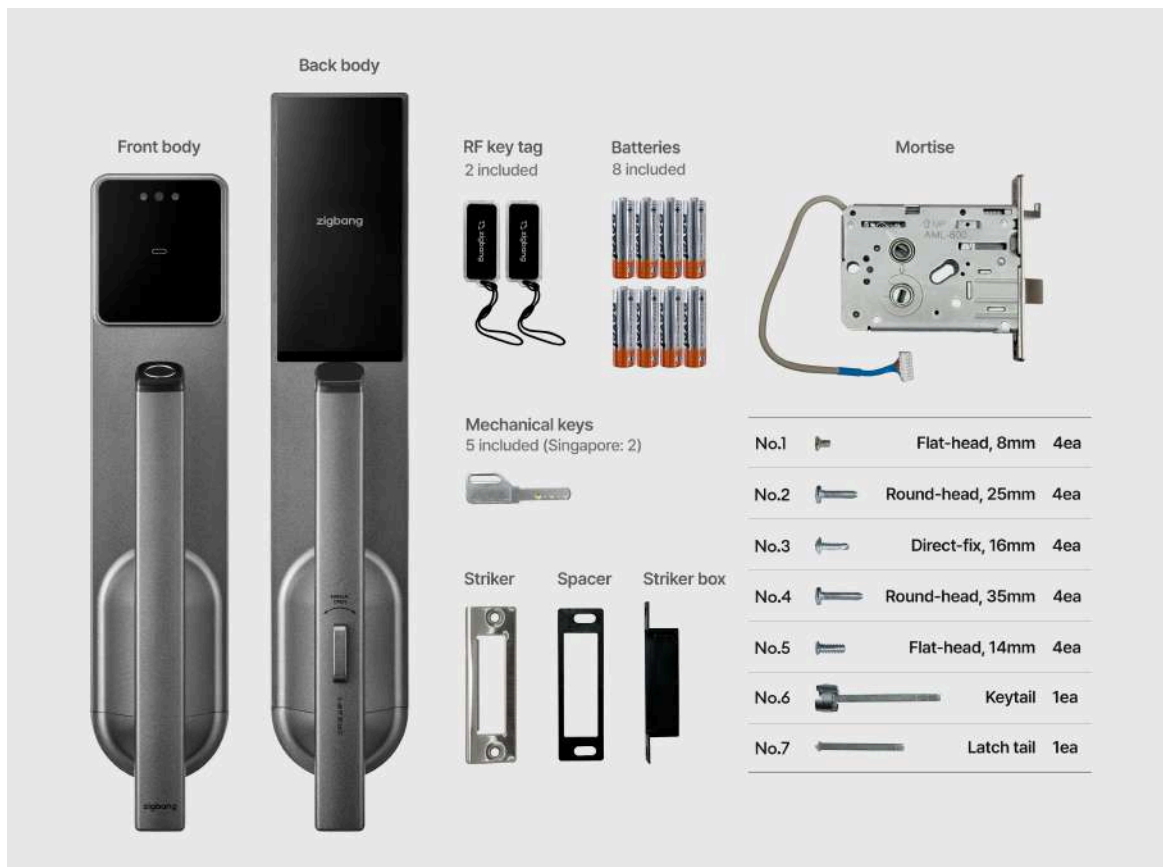
This product is intended for use in the country/region where it was officially sold. If this product is used outside of the country/region of official sale,

- (1) some functions of this product (including, but not limited to, the "App Service") may be limited, restricted, or unavailable,
- (2) the warranty policies shall not be applicable, and
- (3) after-sales (A/S) services may be limited, restricted, or unavailable.

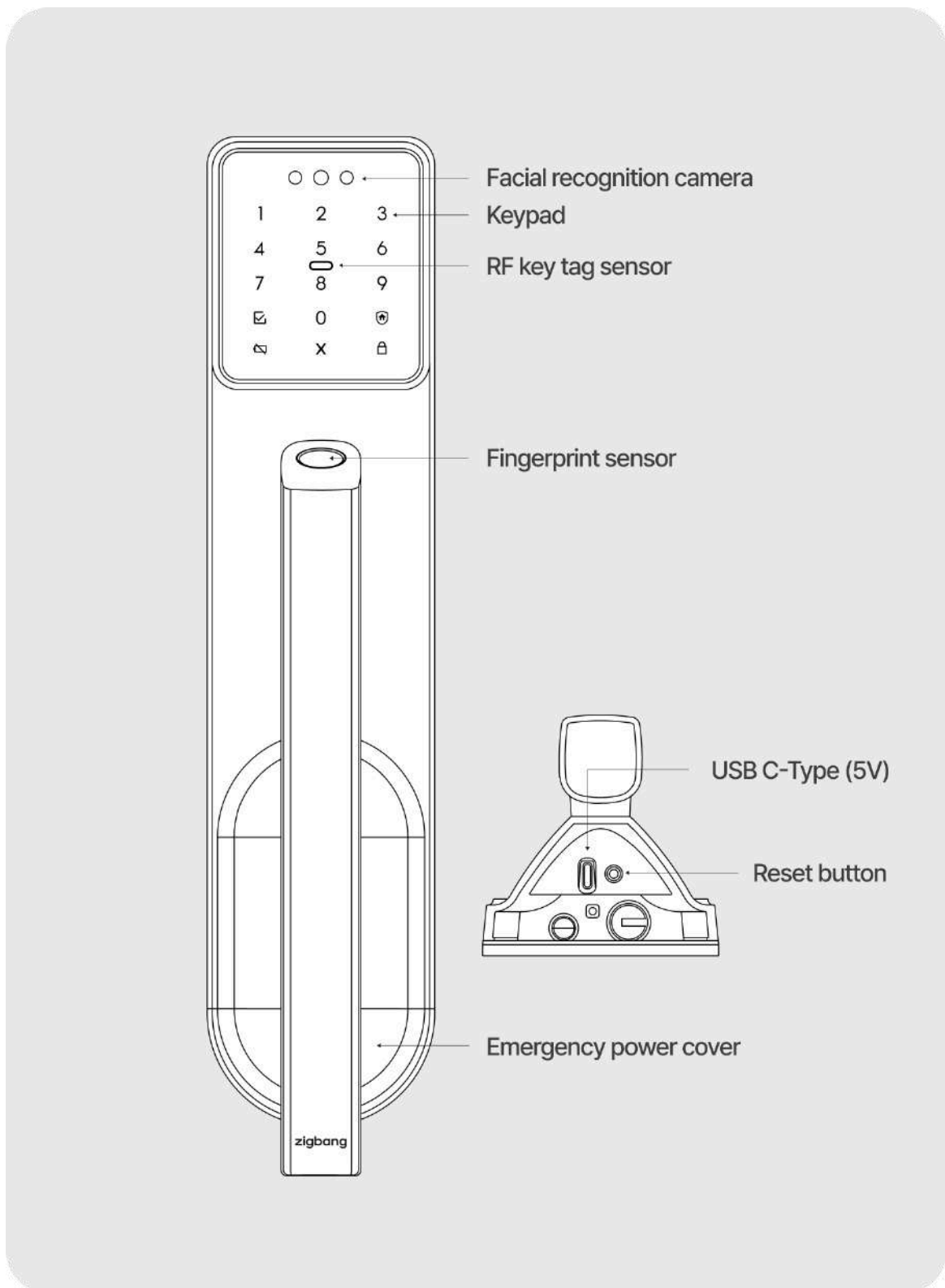
▼ 1. Product Overview

Product Contents

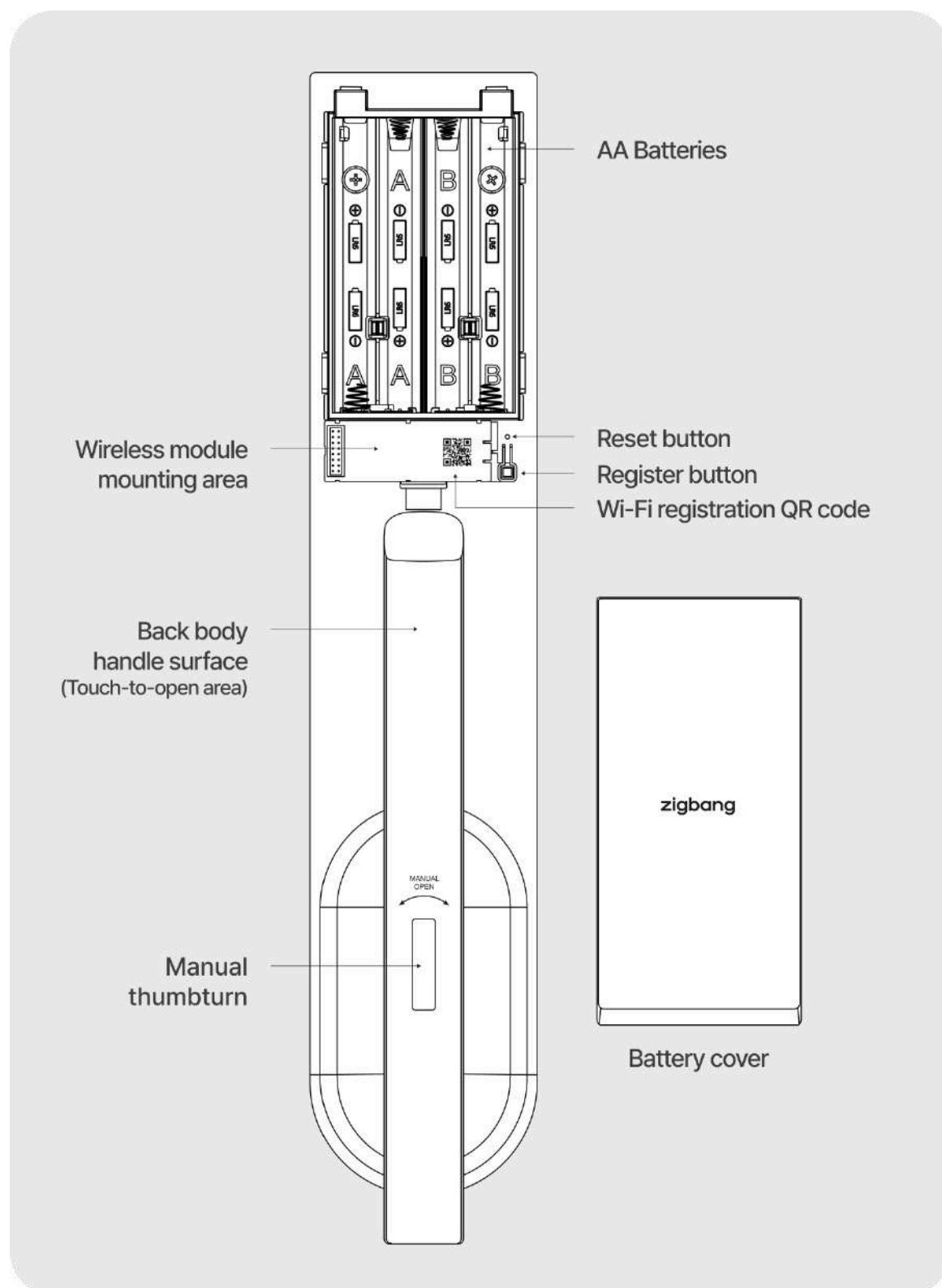
Product components may vary depending on the installation environment.



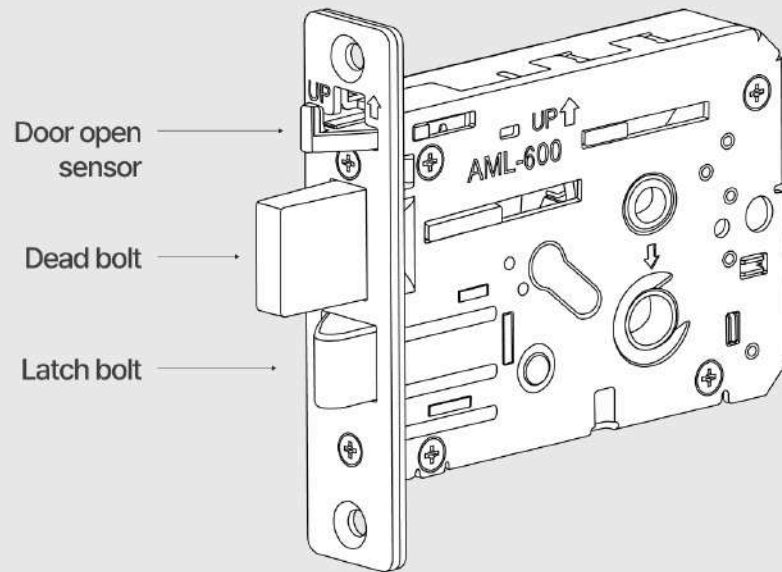
Front Body Components



Back Body Components

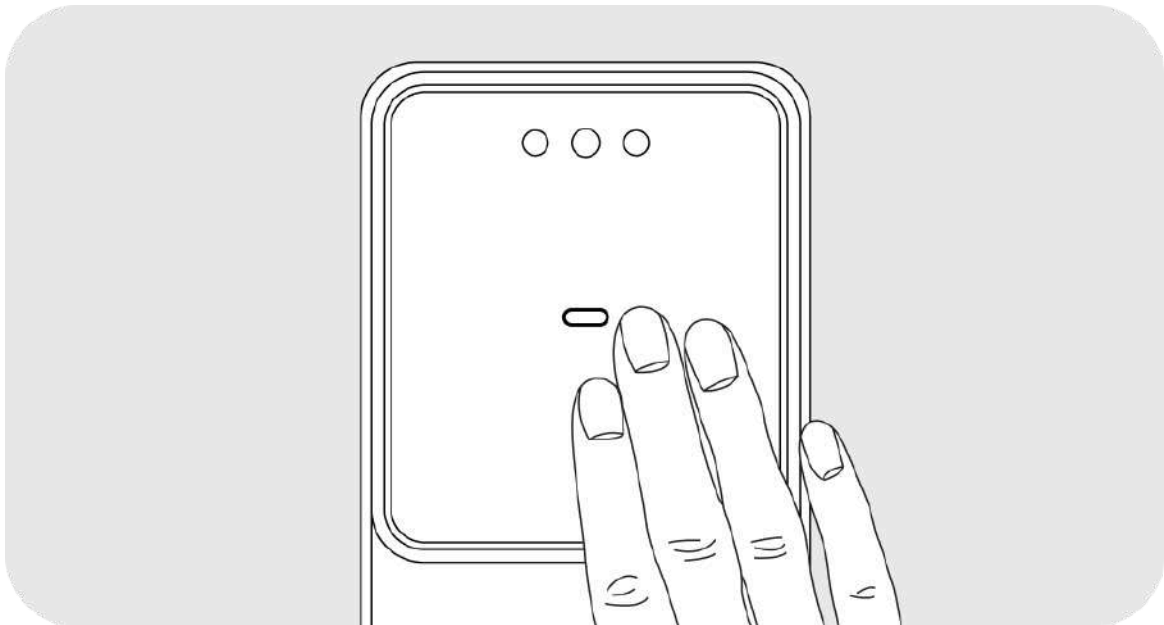


Mortise Components





2. How to Open the Door from the Outside



- When the user approaches the outdoor unit, the door lock automatically switches to recognition standby mode via the IR (infrared) sensor.
- If the user is not detected by the IR (infrared) sensor or the Welcome feature is turned off, press the outdoor keypad to switch to recognition standby mode.
- If an authentication method other than facial recognition fails five times in a row, an error tone will sound, followed by a voice message stating that authentication is unavailable for 3 minutes.



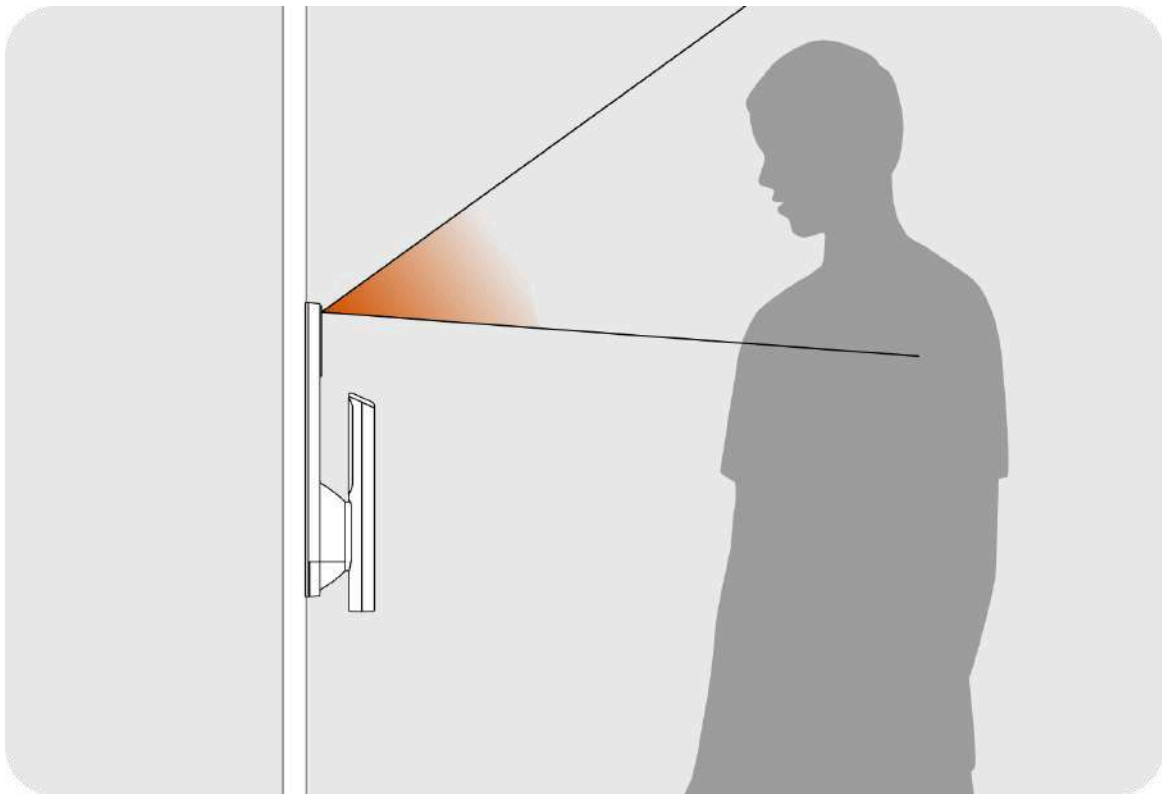
Silent Mode (One-time mute)

To unlock quietly at night, press the  button before entering an authentication method. Operation sounds will be muted for that single entry only.

Safety alerts—such as authentication failure tones, low-battery alerts, fire, and intrusion warnings—will still sound normally.

Face

The door opens when a registered face is recognized by the outdoor face recognition camera.



When the red LED on the facial recognition camera lights up during recognition, look directly at the red LED.

Guidelines to Prevent Face Recognition Malfunctions

- If recognition fails 5 consecutive times while in face recognition standby mode, the face recognition function will be suspended.
- If the face recognition function is suspended, press the outdoor keypad to return to recognition standby mode.

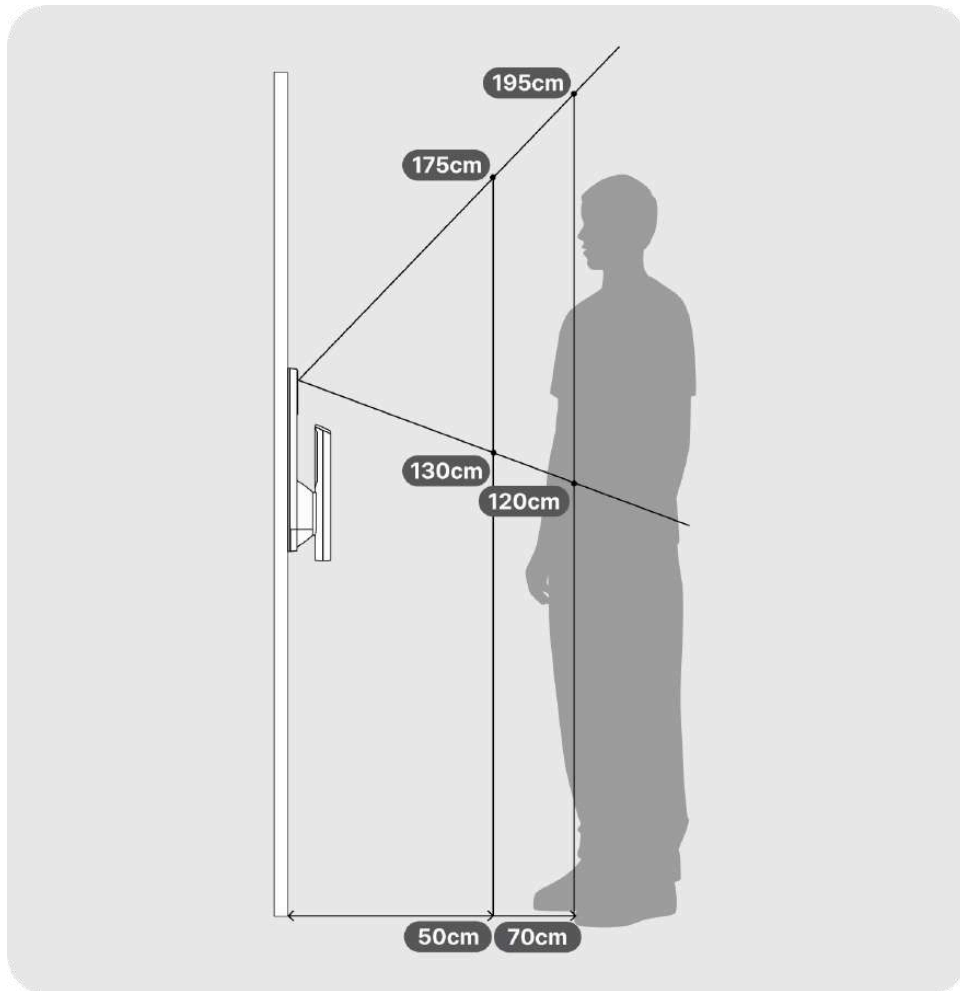
Face Recognition in Different Environments

- Normal face recognition is possible even in complete darkness.
- Face recognition may fail if the camera is exposed to direct sunlight or if the user is wearing a mask, sunglasses, or an eye patch.

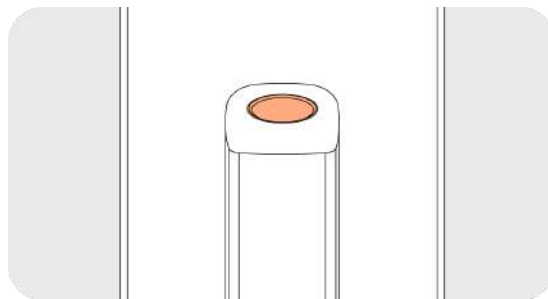


▼ Face Recognition Height by Distance

The recognition height range may vary by **±10 cm** depending on the installation environment and user position.

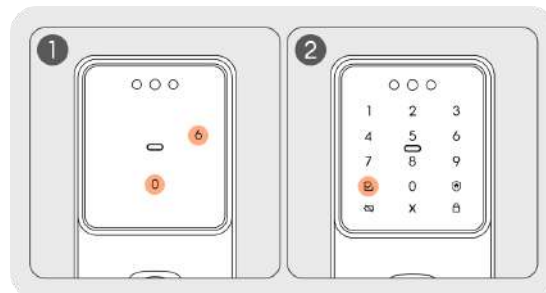


Fingerprint



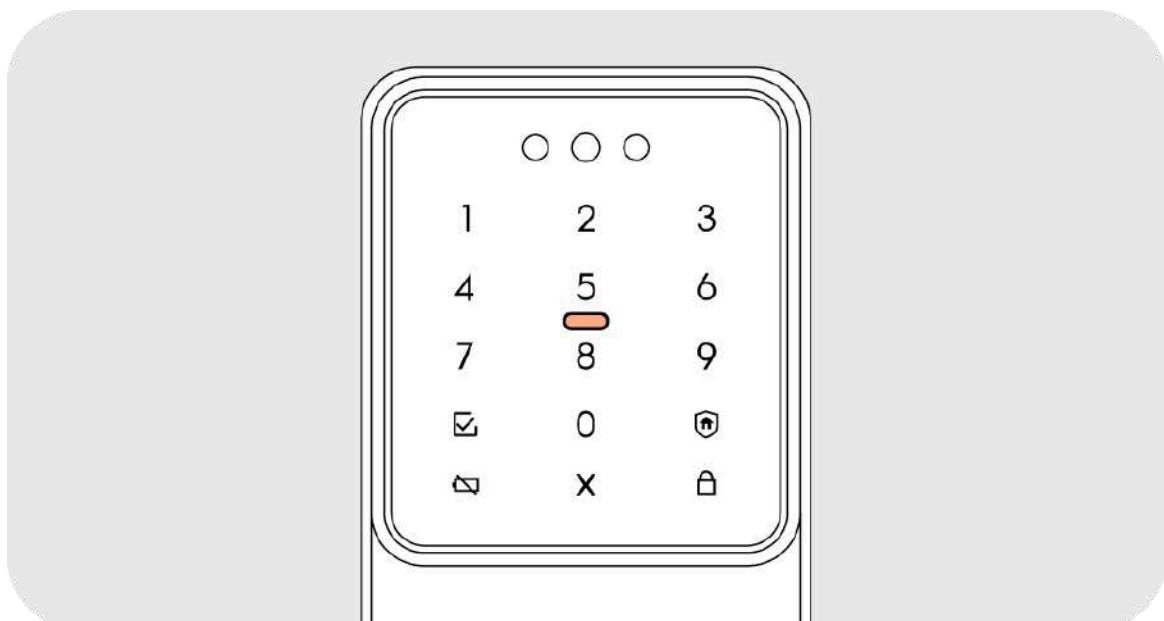
1. Please place your registered fingerprint firmly on the fingerprint sensor above the handle.
2. Wait about 1 sec, and the door will open.

Passcode



1. When you approach the door lock, press the two numbers that appear randomly. (When Magic Number Dual Security is enabled)
2. Once all the numbers on the keypad are lit, enter your passcode (4–12 digits) and press the  button.

Key Tag / Mobile Key



1. Please place your registered key tag or mobile key (smartphone) directly against the key tag reader.
2. Wait about 1 sec, and the door will open.



To use the mobile key, register the door lock in the app, then tap the mobile key (key icon) button in the bottom right corner.

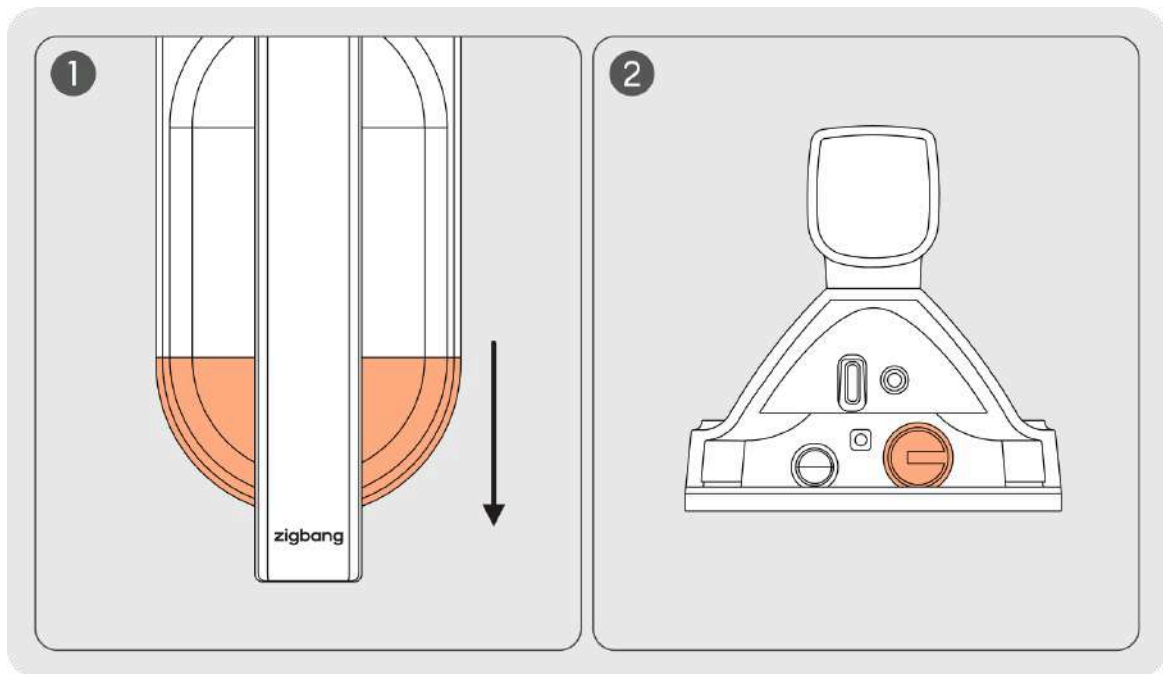
How to Use the Mobile Key



1. Log in to the app and go to the Home screen.
2. Tap the Mobile Key (Key Icon) button in the bottom right corner of the screen.
* The door lock must be registered to the Home screen to use the Mobile Key. Approach the door lock so it can detect your presence.
3. Approach the door lock so it can detect your presence.
* The mobile key is ready to use as soon as the door lock's keypad lights up.
* If the keypad does not light up, check if the Welcome feature is enabled in "Door Lock > More (:) > Option Settings > Welcome Feature".
4. Hold your smartphone close to the door lock to unlock the door.

Mechanical Key

In an emergency—such as when digital authentication fails or the batteries are completely drained—you can unlock and open the door using the mechanical key.



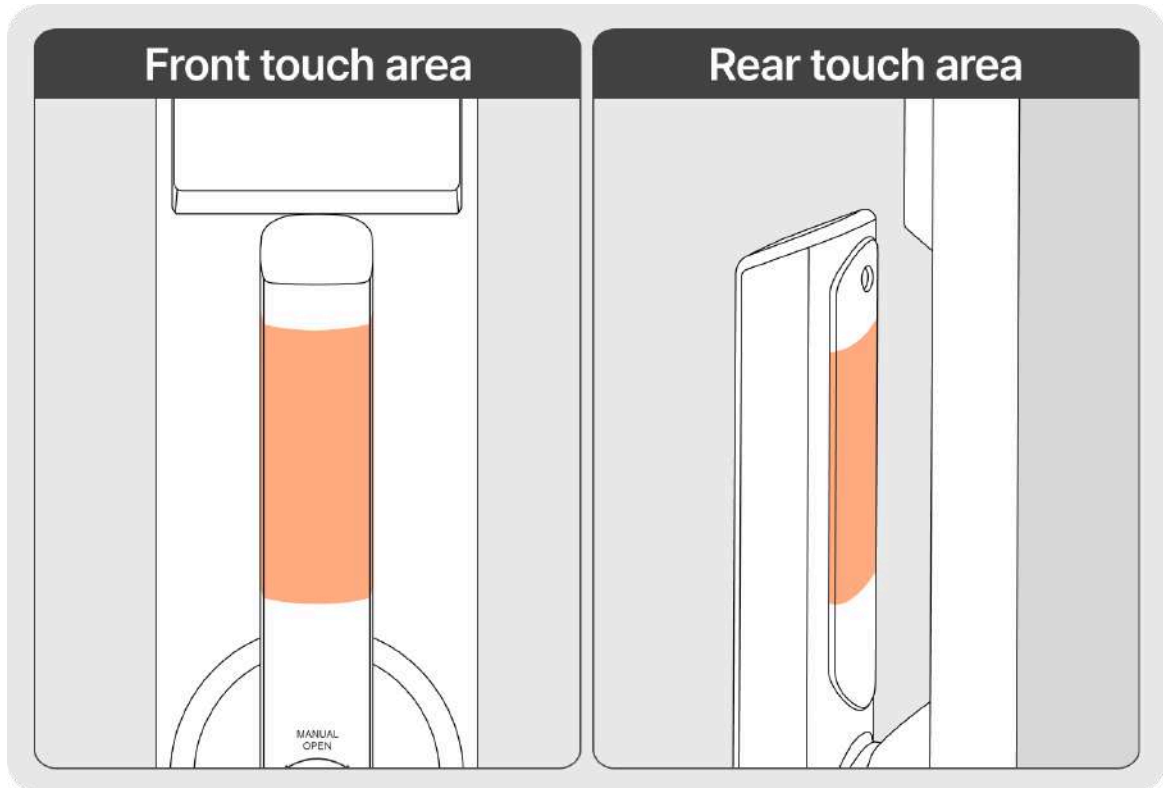
1. **Slide open the keyhole cover** at the bottom of the outdoor unit.
2. **Insert the mechanical key fully** into the keyhole.
3. **Turn the key** to unlock and open the door.



Note: Always keep at least one mechanical key in a safe location outside your home (e.g., in your car or office) for emergency access.

▼ 3. How to open the door from inside

Touching the indoor handle



1. Touch the indoor handle. The built-in sensor will automatically detect your touch and unlock the door.
2. Push or pull the handle to open the door.



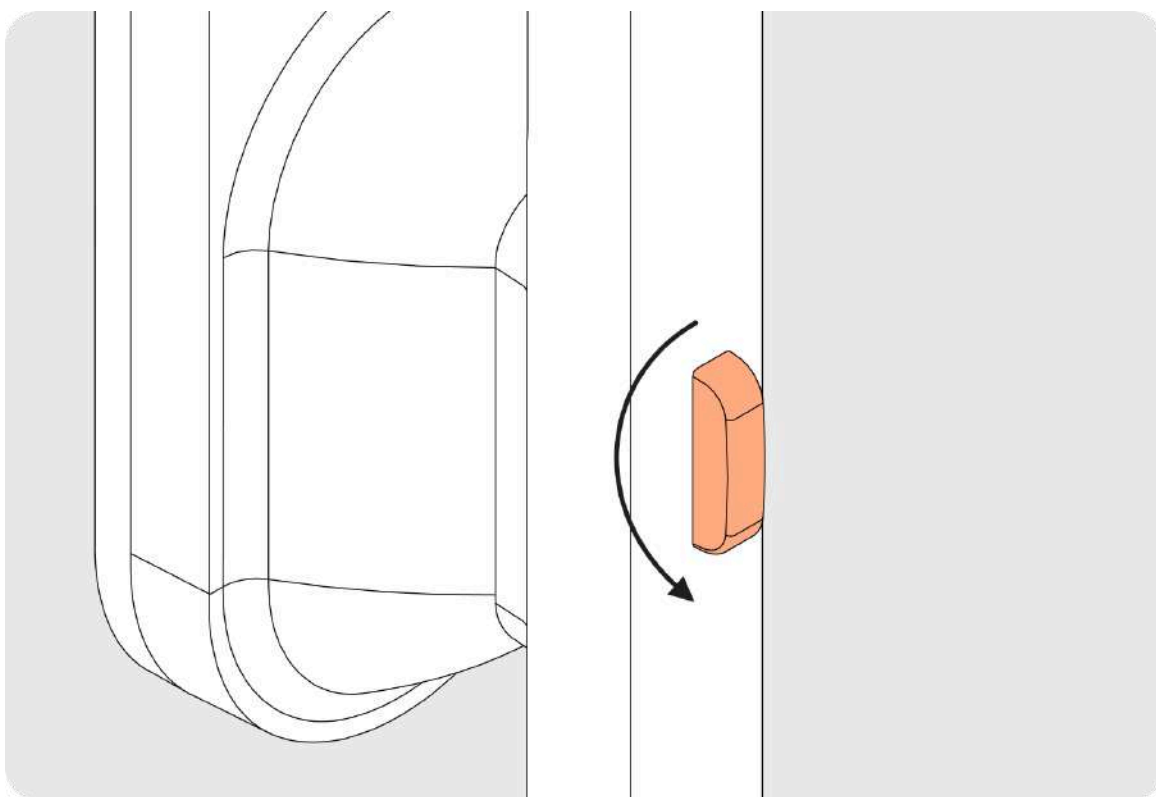
Handle Open Modes

- **Standard Mode (Default):** Touching either the **front** or **rear** touch area of the indoor handle will automatically unlock the door.
- **Pet Safety Open Mode:** To prevent accidental opening by pets or children, hold both the **front and rear** touch areas simultaneously to unlock the door.
 - *Note: This feature can only be configured in the app.*



Note: The sensor detects bare hands. The door may not unlock if touched with objects or while wearing gloves.

Manual Thumbturn

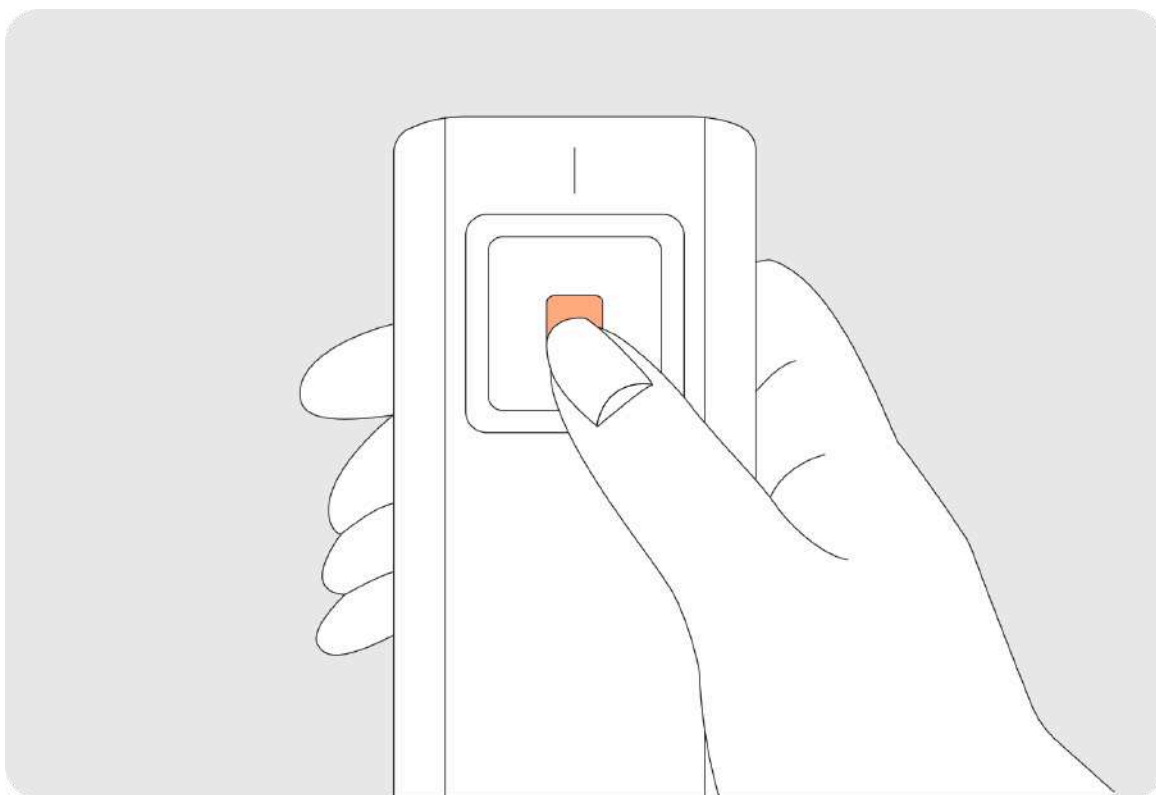


1. Turn the **[Manual thumbturn]** on the side of the indoor unit downward to the unlock position.
2. Once unlocked, push or pull the handle to open the door.



Note: The unlocking direction (clockwise or counterclockwise) is set automatically depending on whether the door lock is installed on a left-handed or right-handed door.

Remote Control (sold separately)



Press the [OPEN] button on a registered remote control or wallpad to open the door.

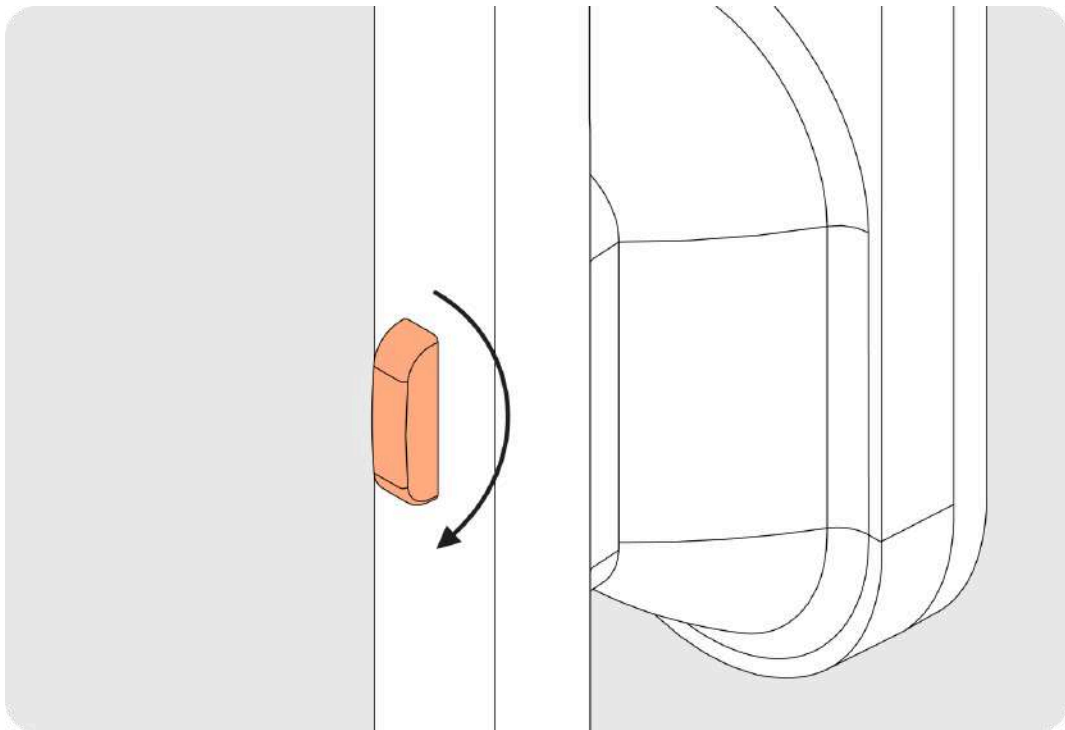
▼ 4. How to Lock the Door from Inside



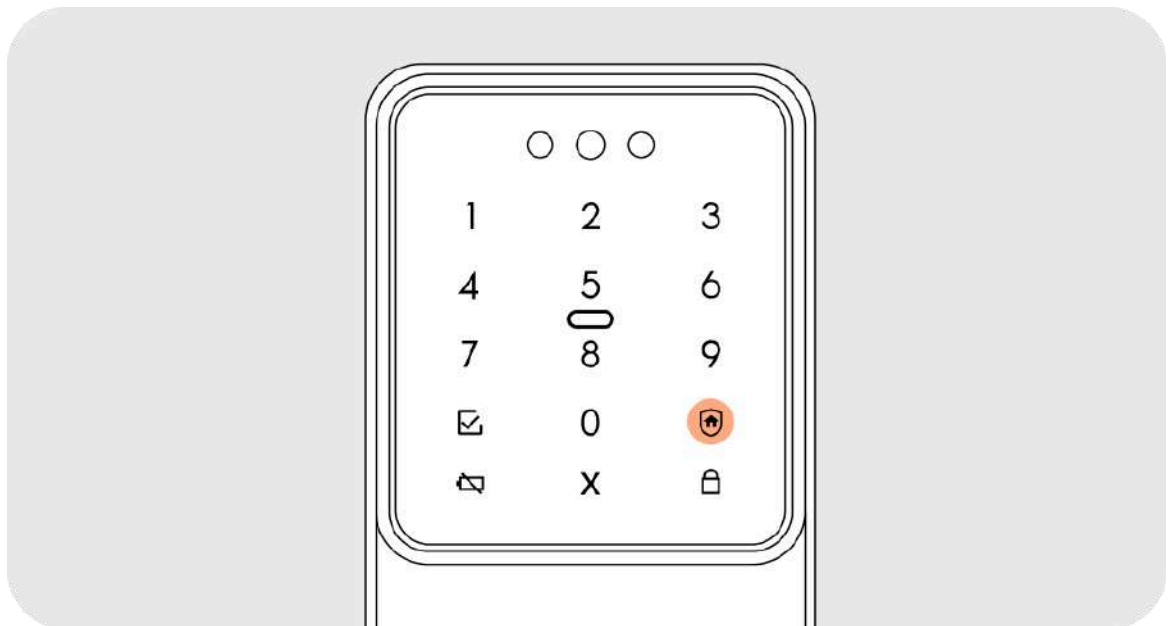
The door lock is set to Auto-Lock by default. The door will lock automatically as soon as it is fully closed.

When Auto Lock is disabled

- Turn the manual thumbturn on the side of the indoor unit to the lock position.



- Touch the outdoor keypad and press the  button.



▼ 5. Registering with the Door Lock App



1. Download the Zigbang Smart Home app and sign up.
2. Access the Home screen and tap the **[Add Device]** button.
** This menu may not be visible depending on your member permissions.*
3. Allow all permissions (Camera, Location, and Bluetooth) for door lock registration.
** You cannot register the device if permissions are not granted. (Wi-Fi must be turned on.)*
4. Scan the QR code attached to the inside of the door lock cover. Alternatively, a QR code is included in the product packaging.
** If the QR code cannot be scanned or found, tap [Where is the QR code?] at the bottom and follow the instructions.*
5. Press the registration button for 1 second to set the door lock to registration mode.
** The registration button is located inside the door lock battery cover.*
6. Select your Wi-Fi network and enter the password to connect the door lock to the network.
** Only 2.4 GHz Wi-Fi networks are supported.*
7. Do not close the app while the door lock is being registered. This may take some time.

8. Once the door lock registration is complete, proceed to the next step (Adding Authentication Methods).

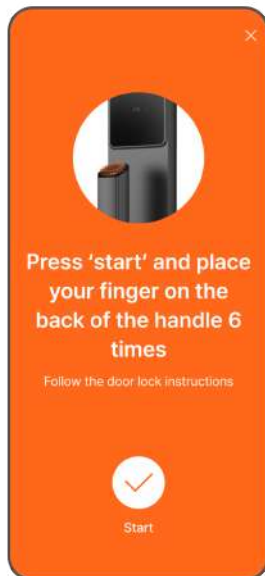


6. How to Manage Authentication Methods

Manage Authentication Methods in the App

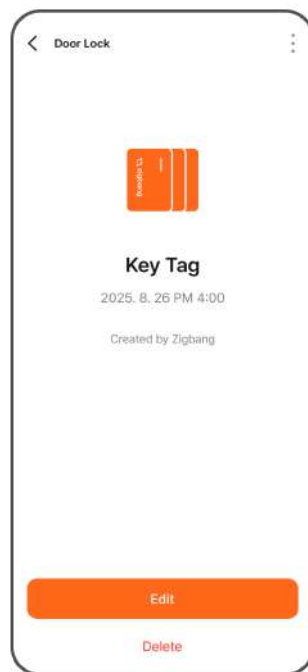


For your safety, please change the default master passcode '1234' before registering other authentication methods.



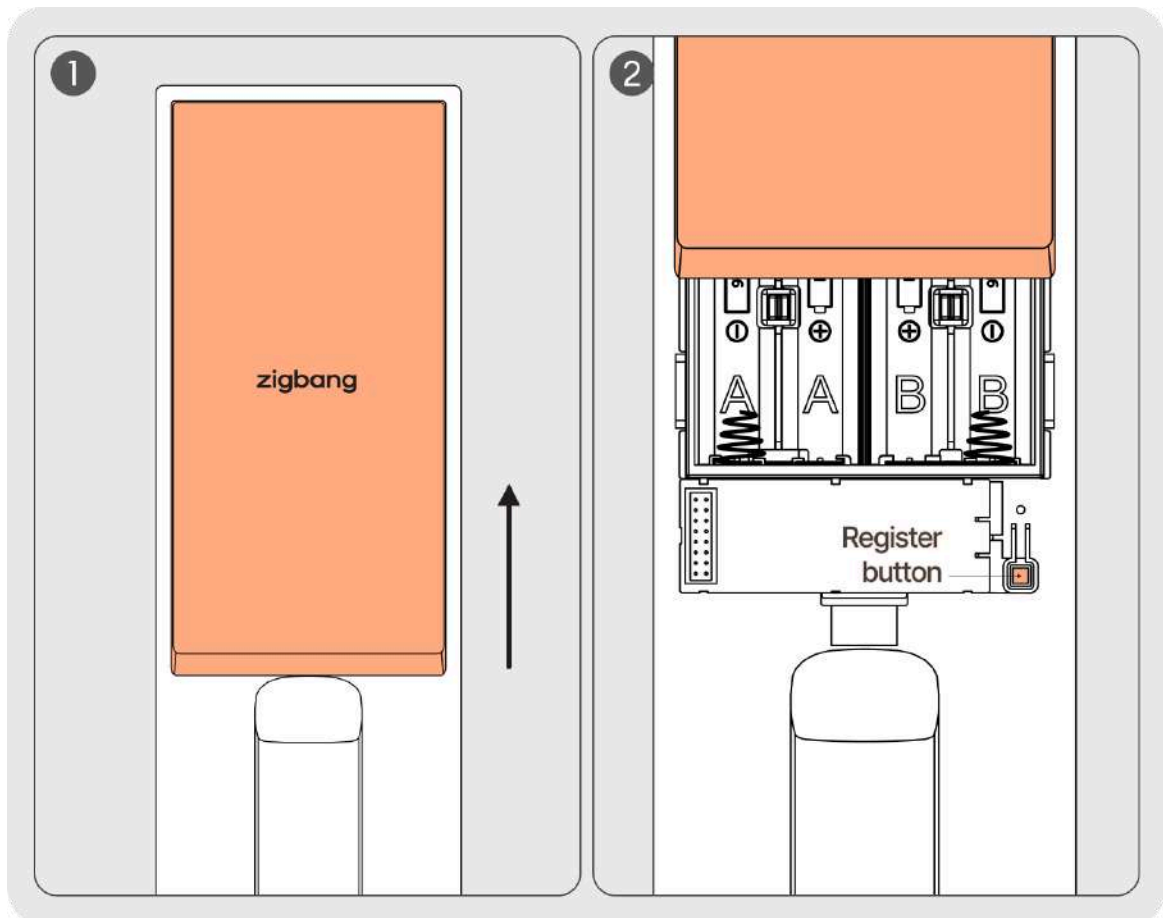
1. Tap the door lock section on the app Home screen.
* After completing door lock registration, you will be automatically directed to the screen where you can add authentication methods.
2. Tap the **[User Management]** menu.
3. Tap your profile.
4. Tap **[Add]** in the section for the authentication method you want to register.
5. Press the **[Start]** button, and the door lock will switch to authentication method registration mode.
6. Follow the on-screen instructions to register your authentication method.
* Closing the page during registration will not exit the door lock's registration mode.
7. The authentication method is registered when the page closes automatically.

Editing or Deleting Authentication Methods



1. Tap the door lock section on the app Home screen.
* After completing door lock registration, you will be automatically directed to the screen where you can add authentication methods.
2. Tap the [User Management] menu.
3. Tap your profile.
4. Tap the authentication method you want to edit or delete.
5. Tap Edit to change the name, or tap Delete to remove it.

Manage Authentication Methods on the Device



1. Open the battery cover on the indoor unit.
2. Press and hold the **[Register]** button for **5 seconds** until you hear the voice prompt: *"Authentication Method Management."*
3. Follow the voice guidance to register your face, passcode, fingerprint, or key tag.



Registration mode automatically turns off after 60 seconds. The door will not lock during registration mode, even if closed.



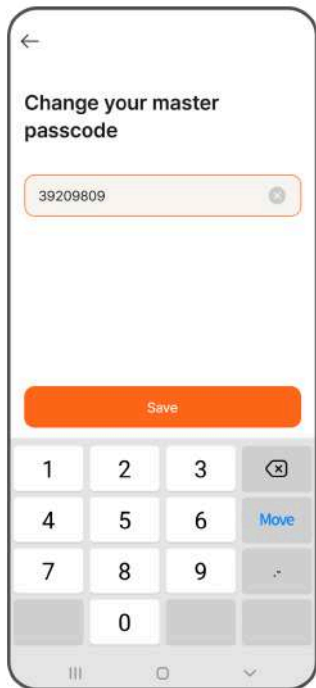
To cancel or exit registration mode at any time, press the **[Register]** button again.

Managing Master Passcode

- Passcodes can be set from 4 to 12 digits.

- The default Master Passcode is "1234". (Must be changed after product installation)
- Only 1 Master Passcode can be registered per door lock.
- Passcodes identical to an already registered one will be flagged as duplicates and cannot be registered. (Applies to Master, User, Visitor, and Emergency Alert passcodes)

Manage on the App



After completing door lock registration, you will be automatically directed to the screen where you can change the initial Master Passcode. To change it during use, please refer to the instructions below.

1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Change Master Passcode] under the [Passcode Authentication] menu.
3. When the "Please change your Master Passcode" screen appears, enter a new 4 to 12-digit passcode.
4. Once entered, tap [Save].
5. When the message "Master Passcode change is complete." appears, the change has been successfully completed.

Manage on the Device

- Register (Hold 5 sec) > Master passcode + > 0 + > New Master passcode + > Register (exit)

Managing User Passcodes

- Passcodes can be set from 4 to 12 digits.
- A maximum of 28 passcodes can be registered per door lock.
- When registering via the app, only 1 passcode can be registered per user.
- Passcodes identical to an already registered one will be flagged as duplicates and cannot be registered. (Applies to Master, User, Visitor, and Emergency Alert passcodes)

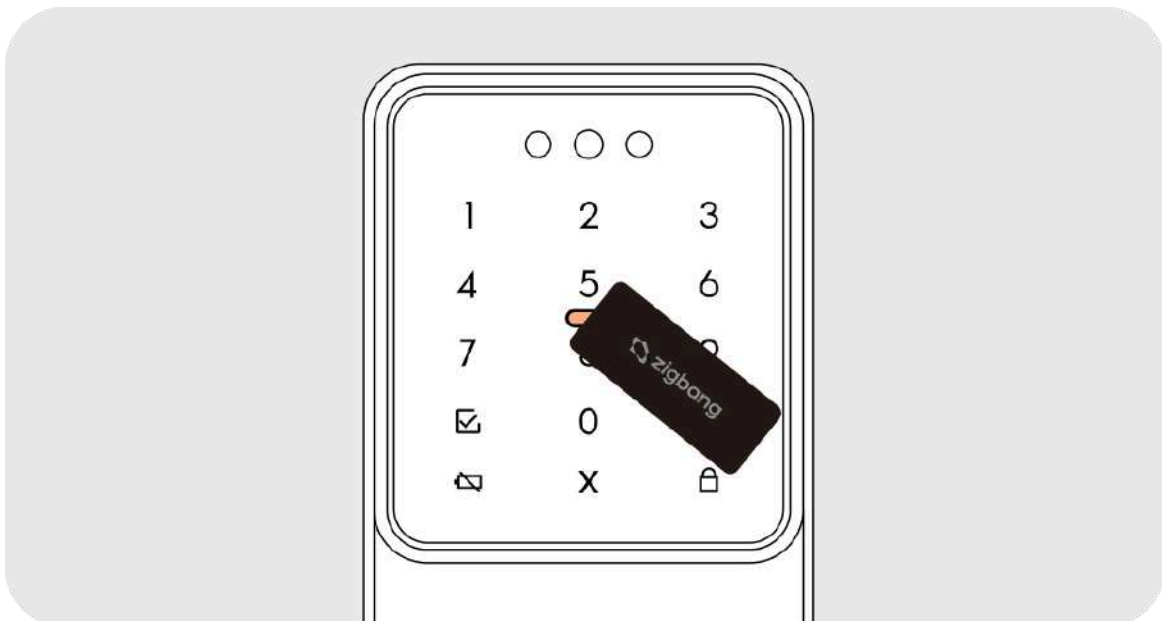
Manage on the App

To register, open the **Zigbang Smart Home app** and follow the steps in the **[Managing Authentication Methods]** section.

Manage on the Device

- Register (add): Register (Hold 5 sec) > Master passcode +  > 1 +  > 1 +  > New passcode +  > Register (exit)
- Delete all: Register (Hold 5 sec) > Master passcode +  > 1 +  > 2 +  > Register (exit)

Managing Key Tags



- You can check the location for key tag input in the image.
- A maximum of 50 key tags can be registered per door lock.

- When registering via the app, up to 10 key tags can be registered per user.

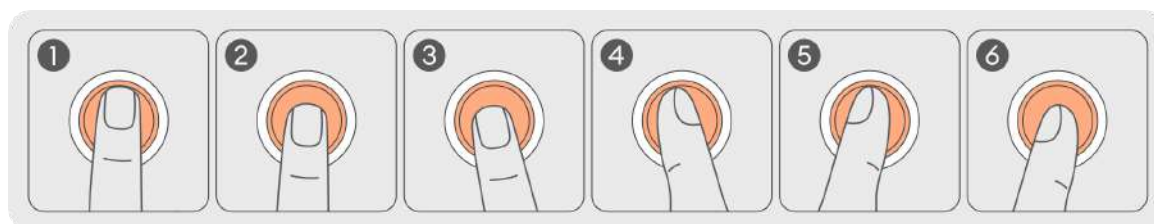
Manage on the App

To register, open the **Zigbang Smart Home app** and follow the steps in the **[Managing Authentication Methods]** section.

Manage on the Device

- Register (add): Register (Hold 5 sec) > Master passcode +  > 2 +  > 1 +  > Place key tag > Register (exit)
- Delete all: Register (Hold 5 sec) > Master passcode +  > 2 +  > 2 +  > Register (exit)

Managing Fingerprints



- Register your fingerprint 6 times on the fingerprint sensor, slightly shifting its position each time.
- Each time a fingerprint is registered, a "ding" sound will play and the registration count will be displayed on the keypad.
- A maximum of 50 fingerprints can be registered per door lock.
- When registering via the app, up to 10 fingerprints can be registered per user.

Manage on the App

To register, open the **Zigbang Smart Home app** and follow the steps in the **[Managing Authentication Methods]** section.

Manage on the Device

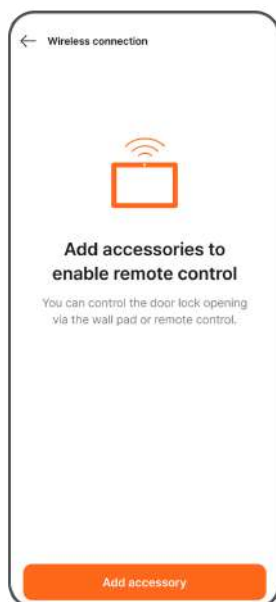
- Register (add): Register (Hold 5 sec) > Master passcode +  > 3 +  > 1 +  > Scan fingerprint 6 times +  > Register (exit)

- Delete all: Register (Hold 5 sec) > Master passcode +  > 3 +  > 2 +  > Register (exit)

Managing Wireless Remote Controls

- This method allows you to register a wireless remote control (sold separately), with up to 3 units supported (including the home wallpad).
- To register a remote control, press and hold the **[OPEN]** button for at least 3 seconds until you hear a completion tone.
- Recommended for environments with frequent visitors, such as offices, tutoring rooms, or for individuals with limited mobility.

Manage on the App

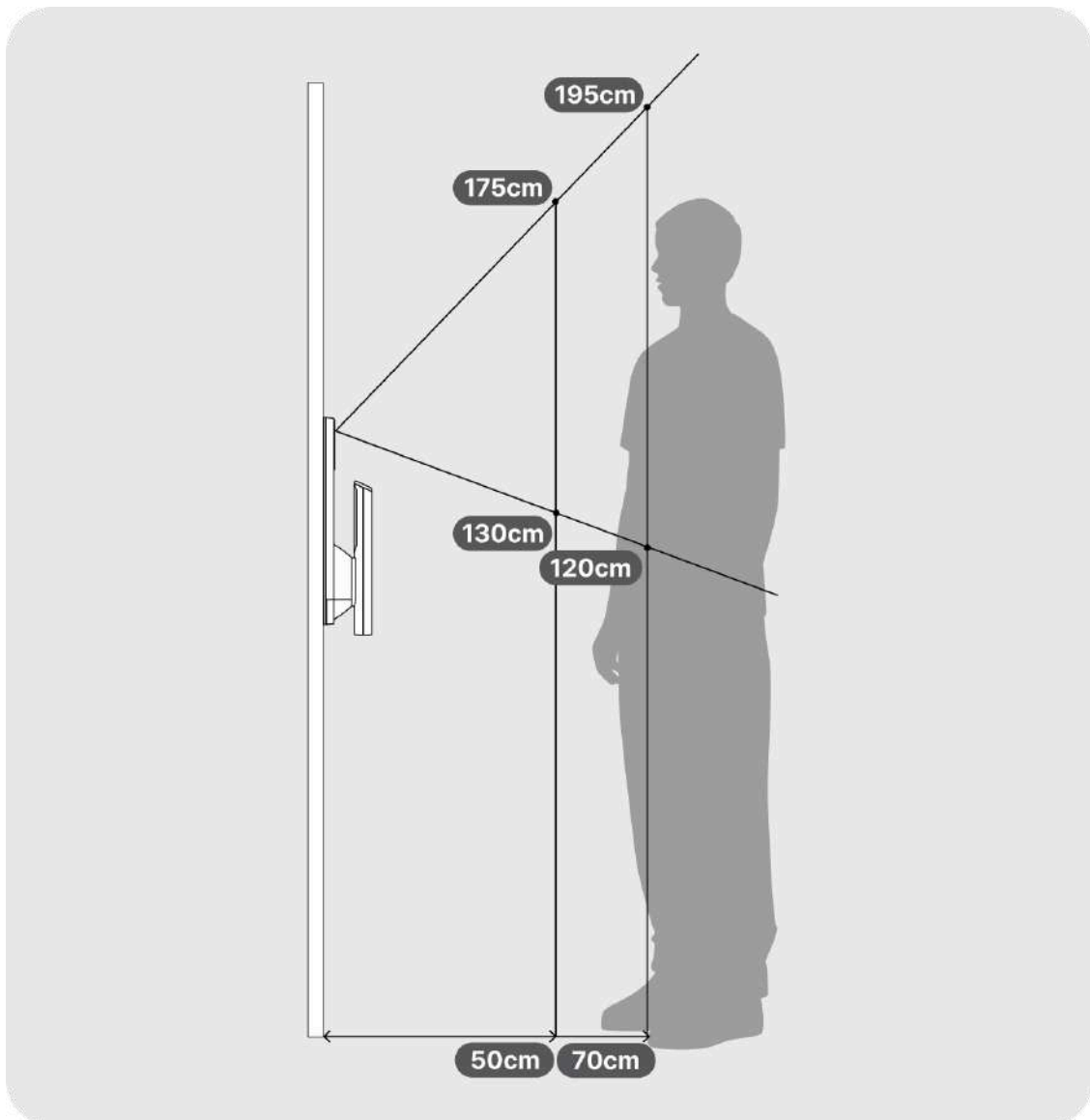


1. From the **Zigbang Smart Home app** Home screen, go to **Door Lock > More (⋮) > Option Settings**.
2. Tap [Wireless Connection].
3. Tap [Add Accessory] and follow the on-screen instructions to register the wireless remote.
(To remove all connected accessories, tap Disconnect All.)

Manage on the Device

- Register (add): Register (Hold 5 sec) > Master passcode +  > 4 +  > 1 +  > Press [OPEN] on Remote for 3 sec +  > Register (exit)
- Delete : Cannot be deleted on the device; it can only be deleted via the app.

Manage Facial Recognition



- When authenticating your face, look directly at the red light if the red light on the facial recognition camera turns on.
- Adjusting your distance from the door according to your height during face registration will improve recognition rates.
 - Move about 50 cm back from the door: 130 cm ~ 175 cm
 - Move about 70 cm back from the door: 120 cm ~ 195 cm
 - Facial recognition success rates may vary by ± 10 cm depending on the installation environment and authentication position.
- A maximum of 50 faces can be registered per door lock.
- When registering via the app, up to 3 faces can be registered per user.



If a voice guidance announces a low battery, face registration cannot be performed. Please replace the batteries and try again.

Manage on the App

To register, open the **Zigbang Smart Home app** and follow the steps in the **[Managing Authentication Methods]** section.

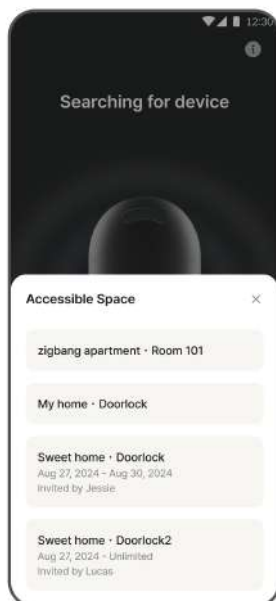
Manage on the Device

- Register (add): Register (Hold 5 sec) > Master passcode +  > 5 +  > 1 +  > Scan New Face +  > Register (exit)
- Delete all: Register (Hold 5 sec) > Master passcode +  > 5 +  > 2 +  > Register (exit)

Managing Mobile Key

- **Easy Access:** Once registered, it works via NFC/Bluetooth simply by holding your phone near the lock.
- **App Exclusive:** Mobile Keys can **only** be registered, managed, and deleted through the app (not directly on the device).

Manage on the App



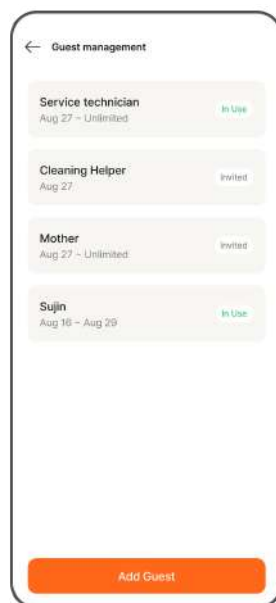
1. On the app's Home screen, tap the **[Key] icon** in the bottom right corner.
2. Tap **[Accessible Space]**.
3. Here, you can view and manage the list of devices accessible with your digital keys.

Tip: Any temporary keys you have been invited to use for other locations will also appear in this area.

Managing Guest Keys (Temporary Access)

- Guest access keys can only be issued and deleted through the app.
- Guest access is designed for users who visit your home irregularly.
- Set a period to register desired guests and share the key with them.
- Passcodes identical to an already registered one will be flagged as duplicates and cannot be registered. (Applies to Master, User, Visitor, and Emergency Alert passcodes)

Manage on the App



1. Tap the Home > Door Lock > [Guest Management] menu.
2. You can view the list of currently registered guest keys, as well as their validity periods and status.
3. To add a guest, tap the **[Add Guest]** button.
4. Enter the visit period and the guest's name.
5. Set a passcode to be sent to the guest.
6. Share the details with the guest.
7. The guest will be able to gain access using the received passcode during the set period.

▼ 7. Mode Settings

Privacy Mode

This feature blocks entry from the outside when you are inside the house. When In-Home Security Mode is activated, the door cannot be opened from the outside even with a registered authentication method. This feature is automatically deactivated when the door is opened from the inside.



If you inevitably need to open the door from the outside while In-Home Security Mode is active, press the Reset button at the bottom of the outdoor unit and authenticate with a registered authentication method to open the door, which will automatically deactivate In-Home Security Mode.

Use it in these cases

Useful when you want to block outside intrusion at night after all family members have returned home, or when you want to completely block entry from the outside while sleeping.

Manage on the App



1. Tap **[Door Lock]** on the app Home screen.
2. Tap **[Mode Settings]** at the bottom of the screen.
3. Tap **[In-Home Security Mode]** to enable/disable the feature.

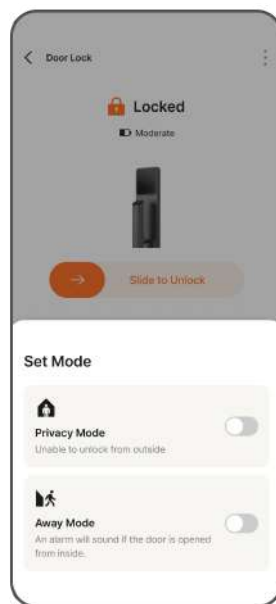
Away Mode

This feature detects intrusions by sensing door openings from the inside when going out. When Away Crime Prevention Mode is activated, if the door is opened from the inside, it is considered an intrusion, triggering a warning sound and sending an intrusion notification to the app. This feature is automatically deactivated when the door is opened from the outside using any authentication method other than a mobile key.

Use it in these cases

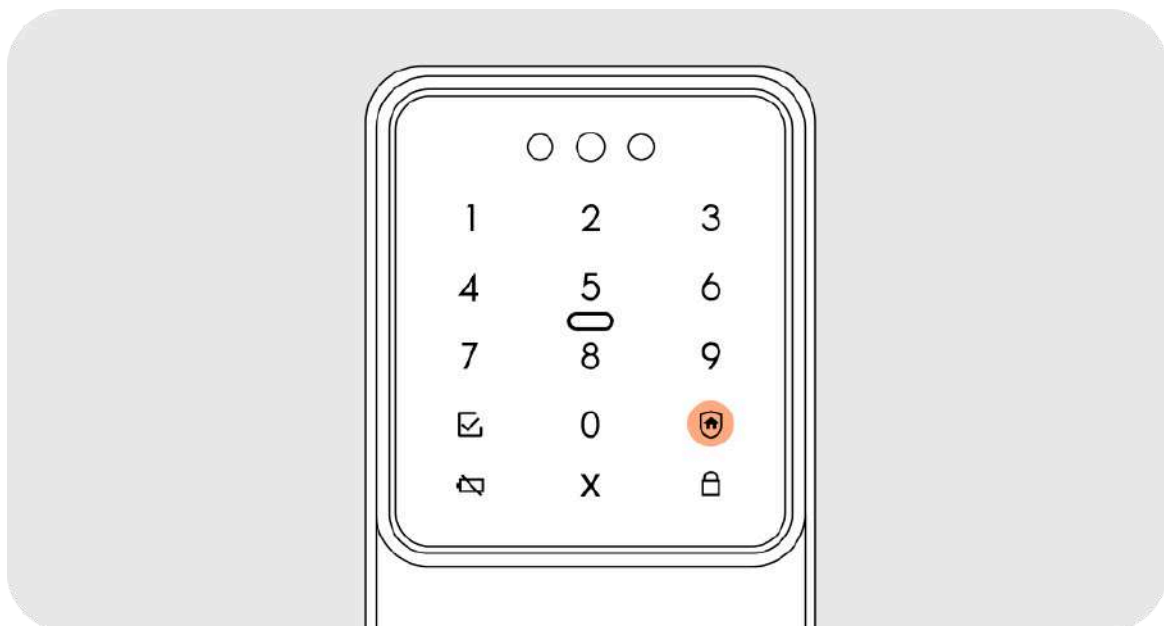
Useful when all family members are out and the home is vacant, or when you want to monitor for external intrusions during long absences. Please use it only when there is no one inside the home.

Manage on the App



1. Tap **[Door Lock]** on the app Home screen.
2. Tap **[Mode Settings]** at the bottom of the screen.
3. Tap **[Away Crime Prevention Mode]** to enable/disable the feature.

Manage on the Device

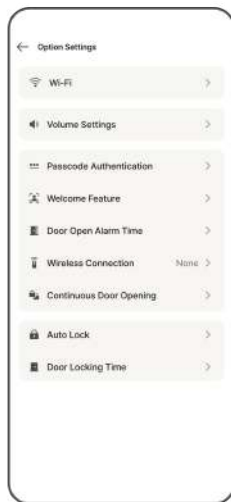


Close the door to lock it. When the  button lights up on the keypad, press it within **3 seconds** to turn on Away Mode.

▼ 8. Settings and Additional Features

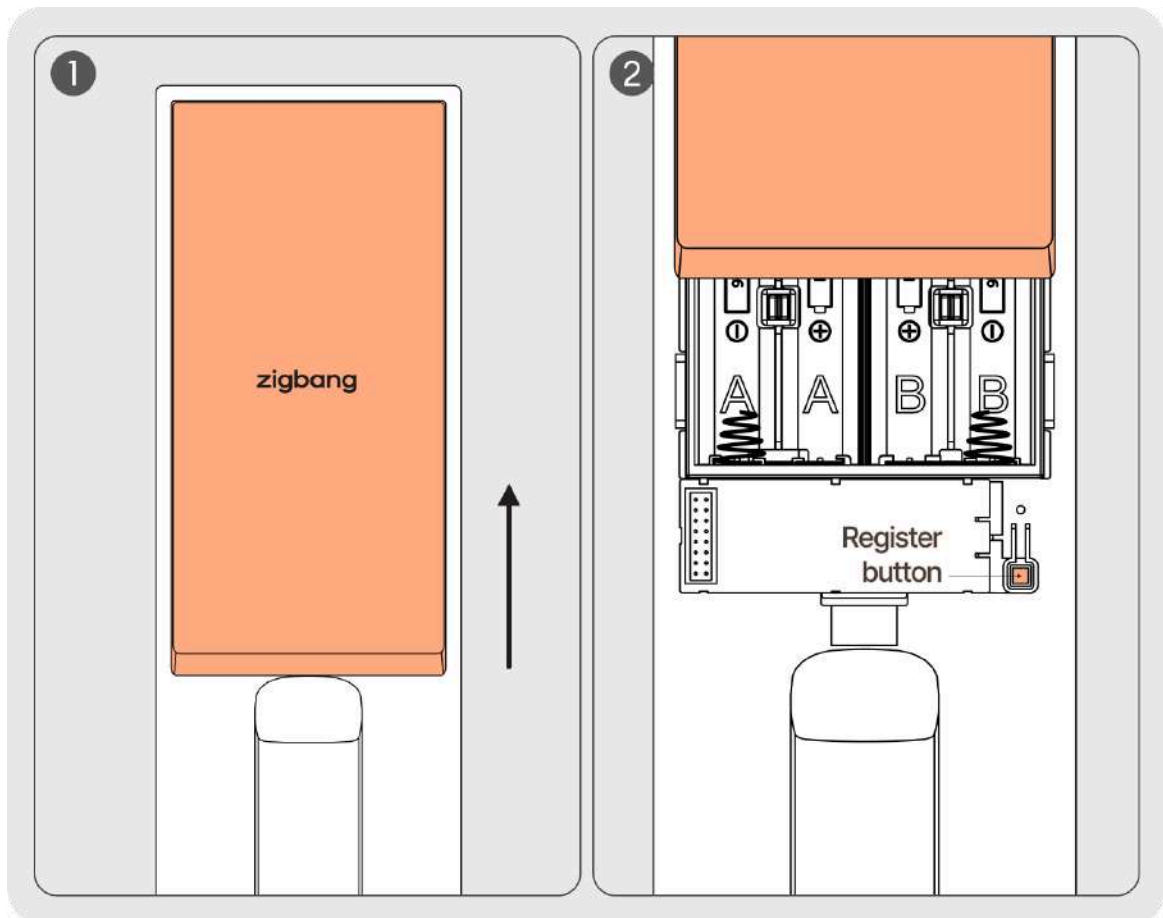
You can configure various settings for your door lock (such as Wi-Fi, Volume, Auto Lock, and more). All settings are easily managed through the app, while some core features can also be adjusted directly on the device.

Manage on the App



1. From the app Home screen, tap **[Door Lock]**.
2. Tap **[More (:)]** in the upper-right corner.
3. Select **[Option Settings]**.

Manage Settings on the Device



1. Open the battery cover on the indoor unit.
2. Press and hold the **[Register]** button on the indoor unit for at least **5 seconds** until you hear the voice prompt.
3. Press the  button on the outdoor unit's keypad to enter "**Setup.**"
4. Follow the voice prompts to configure your desired features.



Setup mode remains active for **60 seconds**. Even if you close the door during this time, setup mode will not end and the door will not lock automatically until the 60 seconds have passed.



To cancel or exit the setup process at any time, press the **[Register]** button on the indoor unit.

To activate Silent Mode	 >  >   >  
To set Normal Volume	 >  >   >  
To set Maximum Volume	 >  >   >  
To activate Welcome Feature (default)	 >  >   >  
To deactivate Welcome Feature	 >  >   >  
- Detection range : Short range setting	 >  >   >   >  
- Detection range : Medium range setting (default)	 >  >   >   >  
- Detection range : Long range setting	 >  >   >   >  
To activate Magic Number Dual Security.	 >  >   >  
To deactivate Magic Number Dual Security.(default)	 >  >   >  
To activate Dual Entry Authentication	 >  >   >  
To deactivate Dual Entry Authentication (default)	 >  >   >  
Door Locking Time (default / 1 sec)	 >  >   >  
To activate Voice Guidance (default)	 >  >   >  
To deactivate Voice Guidance	 >  >   >  
To activate Auto Lock (default)	 >  >   >  
To deactivate Auto Lock	 >  >   >  
To activate Pet Safety Open Mode	 >  >   >  
To deactivate Pet Safety Open Mode (default)	 >  >   >  

Voice and Sound Effects Volume

This feature allows you to adjust the volume of voice guidance and sound effects output from the door lock. Emergency alarms and setup sounds are not affected by this setting.

Manage on the App



1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Voice and sound effects].
3. Adjust the slider to set the volume. You can set it to 3 levels: Silent, Low, or High, and the default setting is Low.

Manage on the device

- To set Silent Mode : Register (Hold 5 sec) > 🏠 > 0 + ☑ > 1 + ☑
- To set Low Volume : Register (Hold 5 sec) > 🏠 > 0 + ☑ > 2 + ☑
- To set High Volume : Register (Hold 5 sec) > 🏠 > 0 + ☑ > 3 + ☑

Welcome Feature

When you approach the door, this feature automatically detects you, lights up the keypad, and activates the key tag and fingerprint sensors so the lock is ready for instant authentication. *(Default: ON)*



Setting the **Recognition Distance** to **Far** allows the sensor to operate at its maximum range. This may lead to more frequent motion detections and increased battery consumption. It is recommended to select an appropriate distance based on your environment.

Manage on the App



1. From the app Home screen, go to: Door Lock > More (:) > Option Settings.
2. Tap [Welcome Feature].
3. Toggle the [Welcome Feature] switch to enable or disable it. *(Default: ON)*
4. Under the Recognition Distance section, adjust the slider to your preferred range: Close, Medium, or Far. *(Default: Medium)*

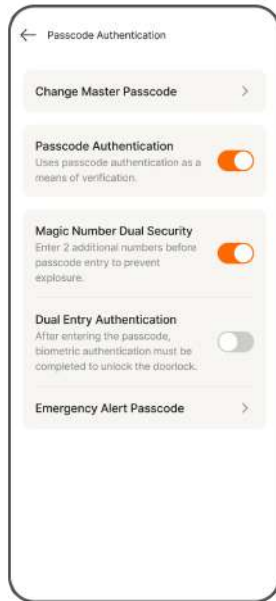
Manage on the device

- To Enable (Default): Register (Hold 5 sec) > > 1 + > 1 +
- To Disable: Register (Hold 5 sec) > > 1 + > 2 +
- Detection range setting
 - Close : Register (Hold 5 sec) > > 1 + > 3 + > 1 +
 - Medium : Register (Hold 5 sec) > > 1 + > 3 + > 2 +
 - Far : Register (Hold 5 sec) > > 1+ > 3+ > 3+

Magic Number Dual Security

This mode prevents passcode exposure by requiring you to enter two random numbers before entering your passcode. The default setting is Magic Number Dual Security mode disabled.

Manage on the App



1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Passcode Authentication].
3. Turn on the [Passcode Authentication] toggle. If it is already on, you can skip this step.
4. Turn on the [Magic Number Dual Security] toggle to enable the feature. The default setting is OFF.

Manage on the device

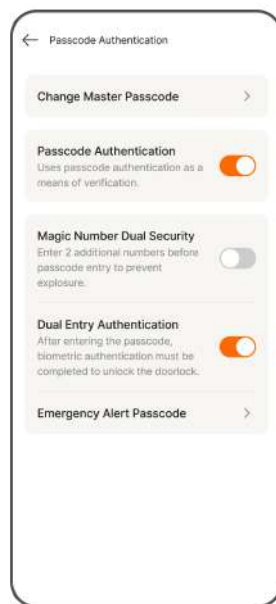
- To Enable: Register (Hold 5 sec) > > 2 + > 1 +
- To Disable (Default): Register (Hold 5 sec) > > 2 + > 2 +

Dual Entry Authentication

Dual Entry Authentication is a feature where the door opens only after passcode authentication followed by fingerprint or face authentication. It is recommended if you are concerned about passcode leaks or want to enhance security further.

- Prerequisites: To use this feature, Passcode Authentication must be turned on, and at least one fingerprint or face must be registered. The default setting is disabled.
- How it Works: When Dual Entry Authentication mode is activated, all master, user, and temporary passcodes require additional fingerprint or face authentication after passcode authentication to open the door. The door cannot be opened using other authentication methods alone, such as key tags.
- Visitor Access: Visitors without a registered fingerprint or face cannot enter using only a temporary passcode. If visitor access is required, please disable Dual Entry Authentication mode or use Remote Unlock.

Manage on the App



1. Go to Door Lock > More (⋮) > Option Settings on the app Home screen.
2. Tap [Passcode Authentication].
2. Ensure the [Passcode Authentication] toggle is turned on. *(Skip this step if it is already enabled.)*
3. Toggle the [Dual Entry Authentication] switch to enable the feature. *(Default: OFF)*

Manage on the device

- To Enable: Register (Hold 5 sec) > > 3 + > 1 +
- To Disable (Default): Register (Hold 5 sec) > > 3 + > 2 +

Door Locking Time

This feature allows you to set the time for the door to lock automatically. If a deadbolt jam occurs depending on the usage environment, adjusting the door locking time can help resolve the jamming issue.

Manage on the App



1. Go to Door Lock > More (⋮) > Option Settings on the app Home screen.
2. Tap [Door Locking Time].
3. Adjust the slider to set the time for the door to lock automatically. You can set it from 1 to 9 seconds in 1-second increments, and the default setting is 1 second.

Manage on the device

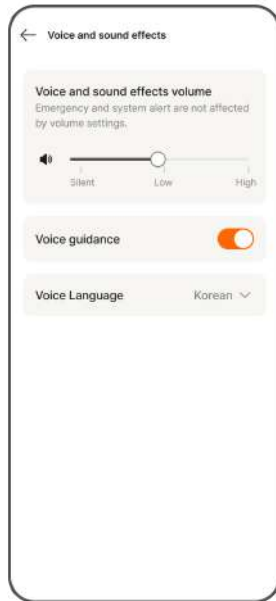
- Door Locking Time (Default: 1 sec): Register Button(over 5 sec) > > 4 + > 1 +

Note: Select a number between **1 and 9** to set the delay time in seconds.
(Default: 1 sec)

Voice Guidance

This feature provides spoken guidance on how to use the door lock. Emergency alert guidance and setup guidance are not affected by this setting. The default setting is voice guidance enabled.

Manage on the App



1. Go to Door Lock > More (⋮) > Settings on the app Home screen.
2. Tap [Voice and Sound Effects].
3. Turn the voice guidance toggle on or off to enable/disable the feature.

Manage on the device

- To Enable(Default): Register (Hold 5 sec) > 🏠 > 5 + 🗒 > 1 + 🗒
- To Disable: Register (Hold 5 sec) > 🏠 > 5 + 🗒 > 2 + 🗒

Auto-Lock



- By default, Auto-Lock is enabled, so the door locks automatically when closed.
- For security, it is recommended to keep this feature enabled.

- When Auto-Lock is Enabled
 - The door locks automatically immediately upon closing.
- When Auto-Lock is Disabled
 - The door does not lock when closed.
 - To lock the door from the inside, turn the [Manual Thumbturn] on the indoor handle to the locked position.

- To lock the door from the outside, press the  button on the keypad.
- To open the door from the outside, touch the keypad and press the  button.

Manage on the App



1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Auto Lock].
3. Turn the toggle on or off to enable/disable the feature. The default setting is ON.

Manage on the device

- To Enable (Default): Register (Hold 5 sec) >  > 6+  > 1+ 
- To Disable: Register (Hold 5 sec) >  > 6 +  > 2 + 

Pet Safety Open

When this feature is enabled, opening the door from the inside requires gripping both the front and back of the handle simultaneously. Since simply touching the handle with one hand will not open the door, it helps prevent pets or young children from leaving the house unaccompanied.

Manage on the App



1. Go to Door Lock > More (⋮) > Option Settings on the app Home screen.
2. Tap [Pet Safety Open].
3. Turn the toggle on or off to enable/disable the feature. The default setting is OFF.

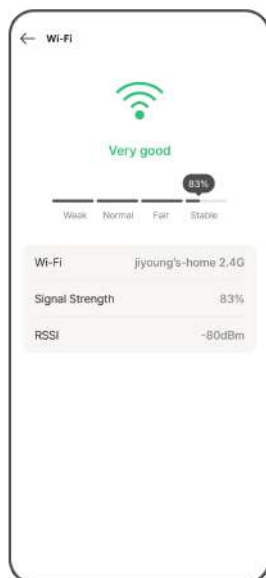
Manage on the device

- To Enable: Register (Hold 5 sec) > 🏠 > 7 + 📄 > 1 + 📄
- To Disable(Default): Register (Hold 5 sec) > 🏠 > 7 + 📄 > 2 + 📄

Wi-Fi Settings

This screen allows you to check the status of the Wi-Fi network connected to the door lock. You can check the name of the currently connected Wi-Fi, signal strength, and RSSI value, and guidance messages are displayed depending on the signal status.

Manage on the App

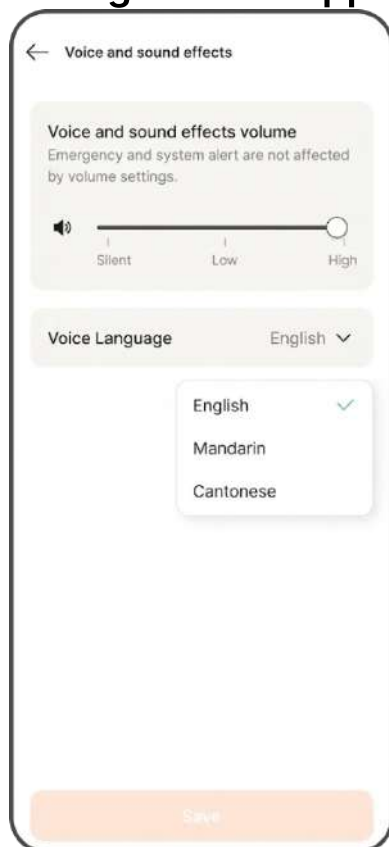


1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap Wi-Fi.
3. You can check the currently connected Wi-Fi name, signal strength (%), and RSSI value.

Voice Language

This feature allows you to change the language of the door lock's voice guidance.

Manage on the App



1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Voice and sound effects].
3. Tap the voice language drop-down menu to select your desired language.

Face Recognition

This feature allows you to use face authentication as an authentication method. You can unlock the door lock by recognizing a registered face. If there is no registered face, the default setting is disabled.

Manage on the App



1. Go to Door Lock > More (⋮) > Option Settings on the app Home screen.
2. Tap [Face Authentication].
3. Turn the toggle on or off to enable/disable the feature.

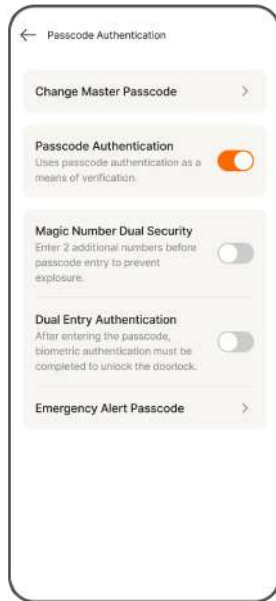
Passcode Authentication

This feature allows you to use passcode authentication as an authentication method. You can enter your passcode on the door lock keypad to gain access. The default setting is passcode authentication enabled.



If you turn OFF Passcode Authentication, passcode-related sub-features such as Magic Number Dual Security and Dual Entry Authentication will also be hidden. When Passcode Authentication is turned on, you can additionally configure the following sub-features.

Manage on the App



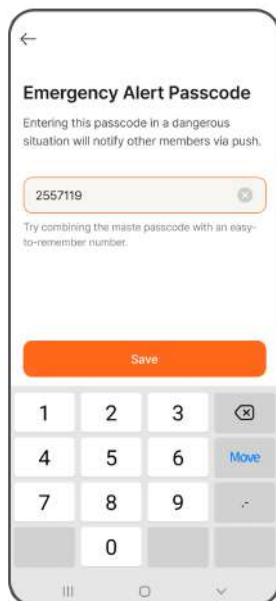
1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Passcode Authentication].
3. Turn the toggle on or off to enable/disable the feature. The default setting is ON.

Emergency Alert Passcode

This passcode can be used in an emergency situation. Unlocking the door lock with the emergency alert passcode opens the door normally while simultaneously sending a push notification to members registered in the same Home.

- Numbers identical to an already registered passcode cannot be registered as they are flagged as duplicates. (Applies to Master, User, Guest, and Emergency Alert passcodes)

Manage on the App



1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Passcode Authentication].
3. Tap [Emergency Alert Passcode].
4. Enter the emergency alert passcode you want to use and tap [Save].

Door Open Alarm Duration

An alarm will sound if the door remains unclosed for the set time (default: 60 seconds). It detects when the door is not fully closed upon leaving and alerts the user.

Manage on the App



1. Go to Door Lock > More (:) > Option Settings on the app Home screen.
2. Tap [Door Open Alarm Time].
3. Turn on the top toggle to enable the feature. The default setting is ON.
4. Adjust the bottom slider to set the time before the alarm sounds. You can choose among 30 seconds, 60 seconds, or 180 seconds. The default setting is 60 seconds.

Anti-Tamper Function

This feature sounds a warning alarm and blocks the door lock from operating if it is incorrectly manipulated from the outside.

Regardless of the authentication method—such as passcode, fingerprint, key tag, or mobile key—if a total of 5 authentication errors accumulate, an error sound will play followed by a voice guidance announcing a 3-minute operation suspension, during which the door lock will stop operating. For example, failing 2 passcode attempts and 3 key tag attempts is considered a total of 5 errors, and operation will be suspended. (Face authentication is not included in the error count.)

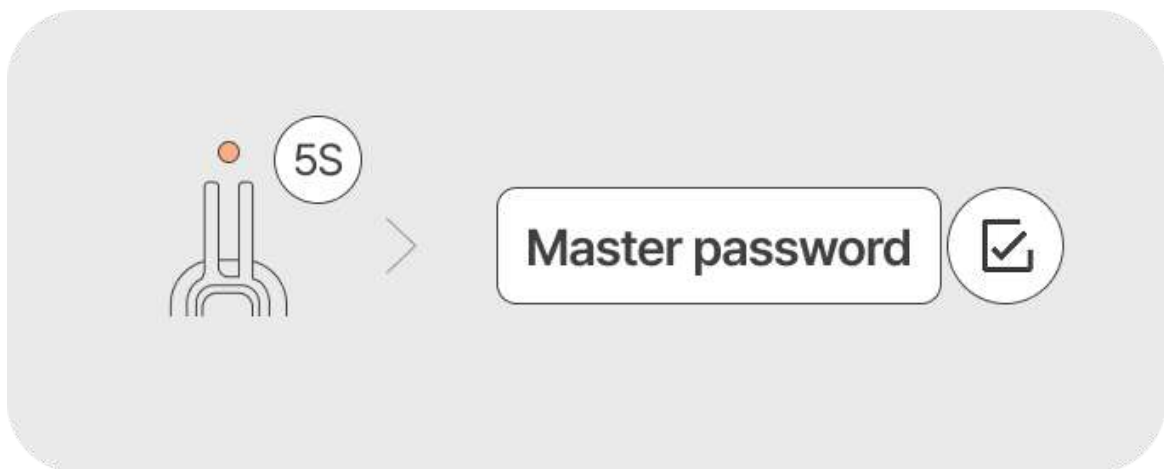
▼ 9. How to Reset



This function restores the door lock's settings and registered data back to their default values.

To initiate a reset, use a thin pin to press and hold the pinhole button located above the [Register] button for at least 5 seconds.

App Link Reset (Wi-Fi / Remote Control)

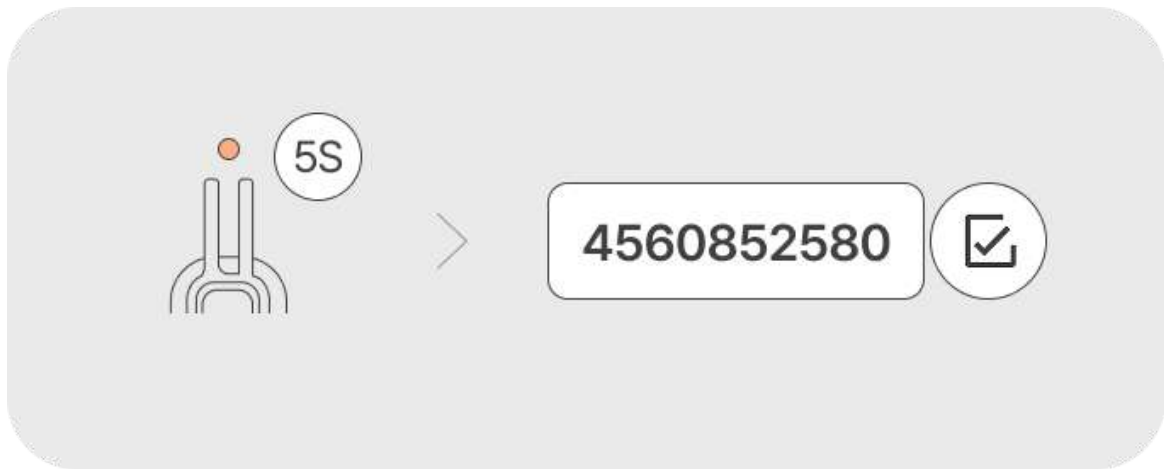


- **Wi-Fi:** Resets Mobile Key and Wi-Fi connection data.
*(Note: Registered faces, fingerprints, passcodes, and key tags are **retained**.)*
- **Remote Control (sold separately):** Resets paired remote control information.



Connection to the app will be lost during the app pairing reset.

Reset Authentication Information



- The passcode is reset to '1234', and all registered face, fingerprint, passcode, and key tag information will be deleted.



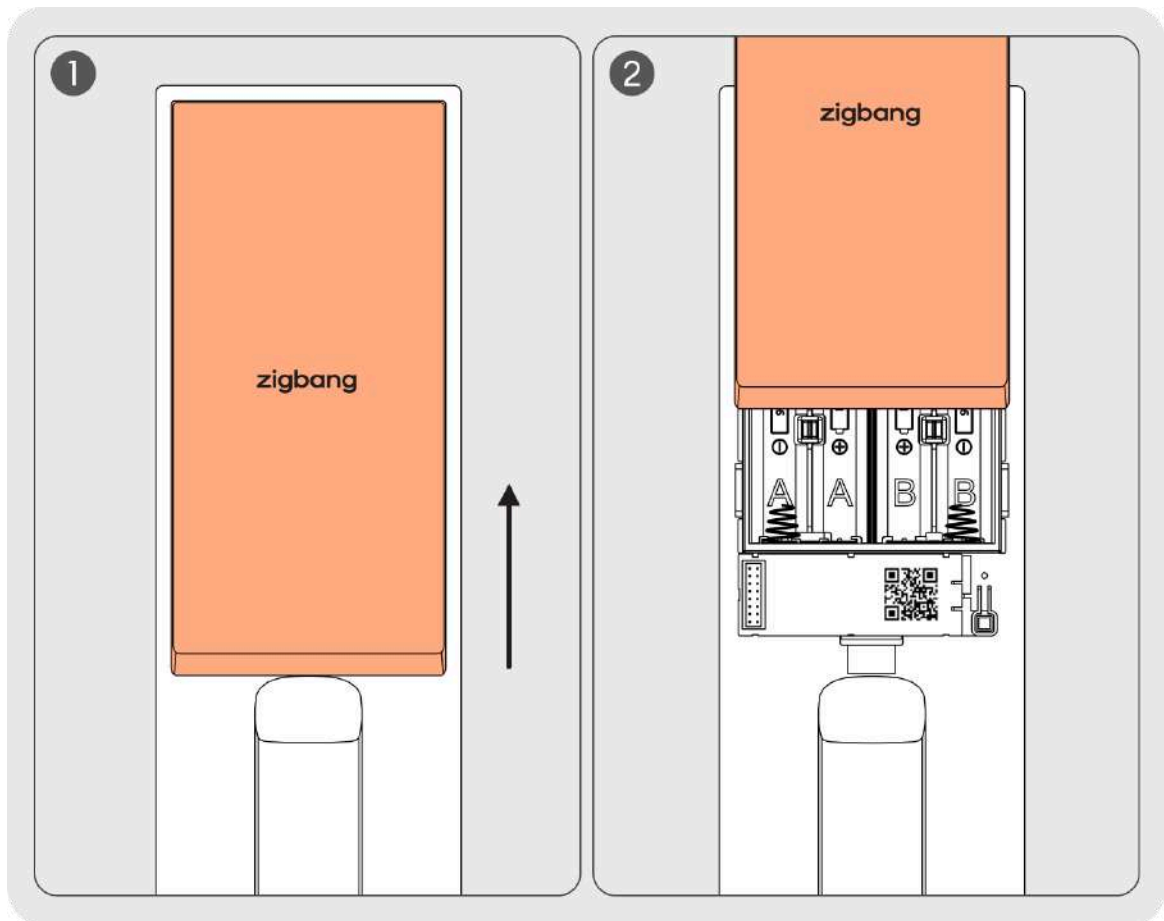
Upon reset, the passcode is changed to '1234', so please be sure to change it to a new passcode.

▼ 10. Replacing the Battery

When the battery replacement alert melody and voice guidance play upon opening the door, please replace the batteries. If you continue using the door lock without replacing them, it will stop operating. You can open the battery cover by sliding up the top cover of the indoor unit.



- The estimated battery usage period may vary depending on the battery manufacturer and manufacturing date, door lock usage environment and frequency, and Wi-Fi wireless environment. (Based on 8 AA 1.5V alkaline batteries, used 10 times a day for about 6 months)
- If liquid leaks from the battery, it may damage the product, so please check regularly (approximately every 6 months).
- After the battery replacement alert voice plays and before replacing the batteries, menu functions such as entering registration mode or settings mode cannot be used.
- When replacing batteries, do not mix them with previously used batteries and replace all of them with new ones immediately.

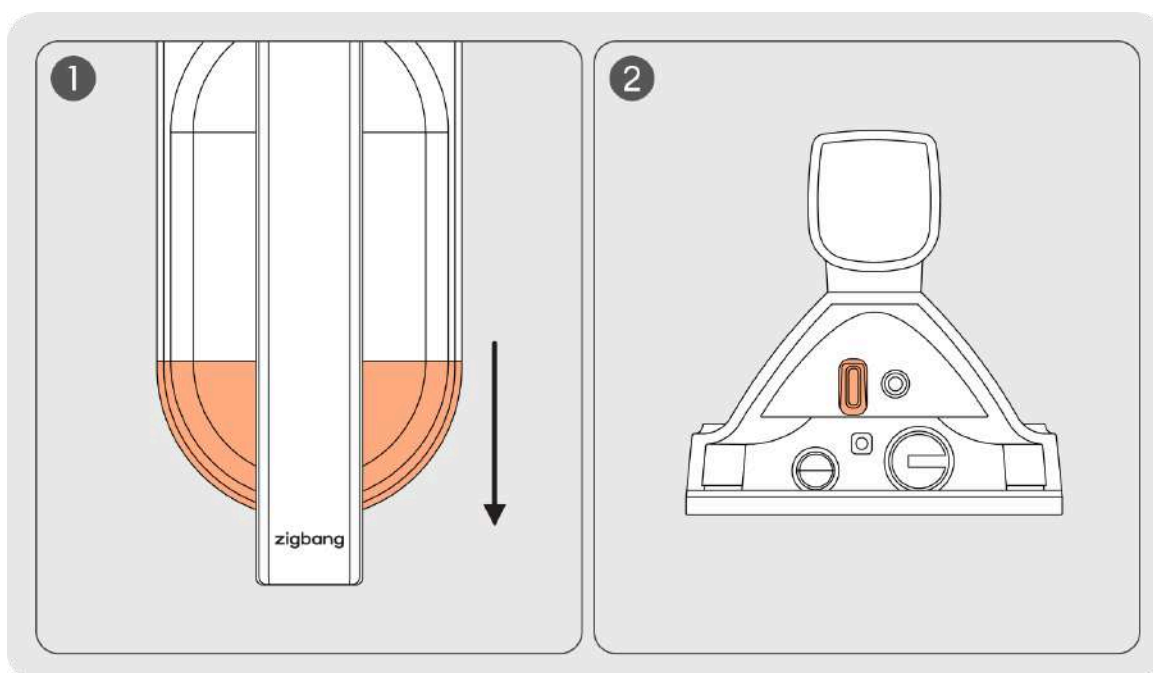




11. Emergency Operations & Safety Features

Emergency Power (When Batteries Are Discharged)

When it is time to replace the batteries, continuing to use the door lock without replacing them may cause the batteries to discharge fully, resulting in the door lock not operating normally. In this case, open the bottom cover on the outdoor unit and connect an emergency power supply to the USB C-Type port using a power bank to open the door.



Fire Detection

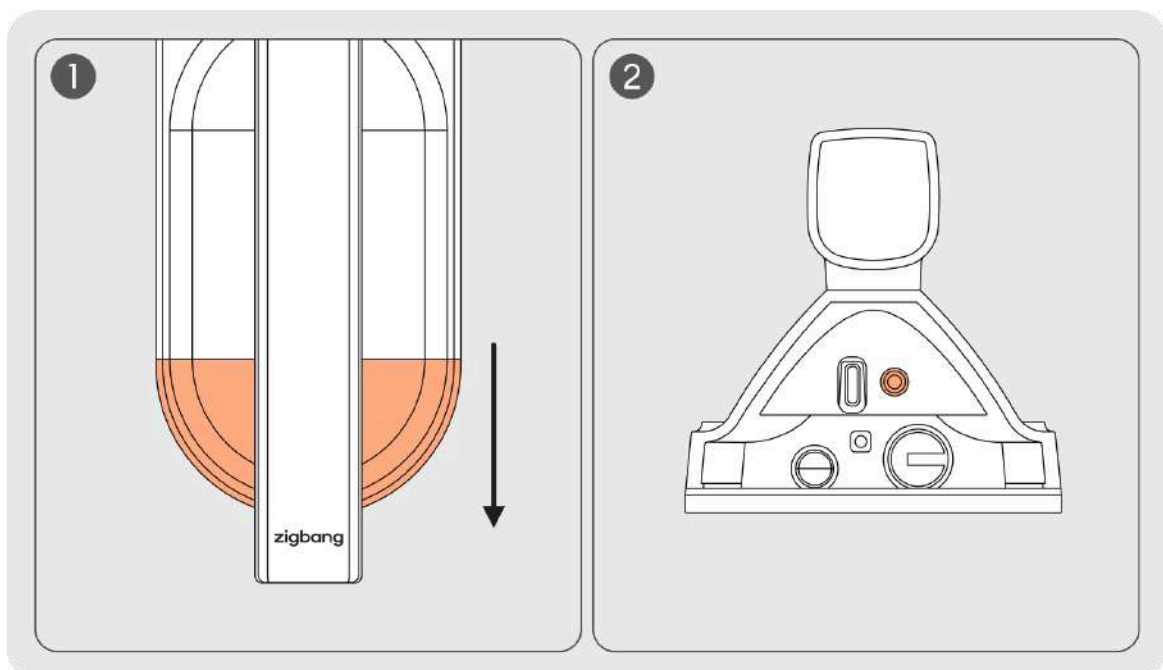
This feature detects and triggers an alarm when the indoor temperature rises to an abnormal level (approximately $65^{\circ}\text{C} \pm 10^{\circ}\text{C}$). The alarm sounds for 15 seconds, and once the alarm stops, you can open the door using the manual open/close lever to exit. (When the indoor temperature drops below a certain level, the door lock will operate normally.)

Intrusion & Tamper Detection

This feature sounds a warning alarm if the door is forcibly opened from the inside or outside. If the door is forcibly opened while closed, the door open sensor detects it and sounds an alarm for 5 minutes.

Troubleshooting Unknown Errors

If an unknown error occurs while using the door lock or if it does not operate normally, pressing the reset button shown in the image to restart the power may resolve the issue.



▼ 12. Product Specifications

Item	Specification
Rated Voltage	8 AA 1.5 V alkaline batteries (LR6) (DC 6V)
Emergency Power	USB Type-C
Authentication Methods	Face, App (Wi-Fi), Passcode, Fingerprint, Key tag, and Mechanical key
Applicable Door Specs	Thickness: 40 – 60 mm / Backset: 70 mm
Weight	4.5 kg (including outdoor and indoor units)
Product Dimensions (including handle)	Outdoor unit: 80mm(W) x 365mm(H) x 96mm(D) Indoor unit: 80mm(W) x 413mm(H) x 96mm(D)