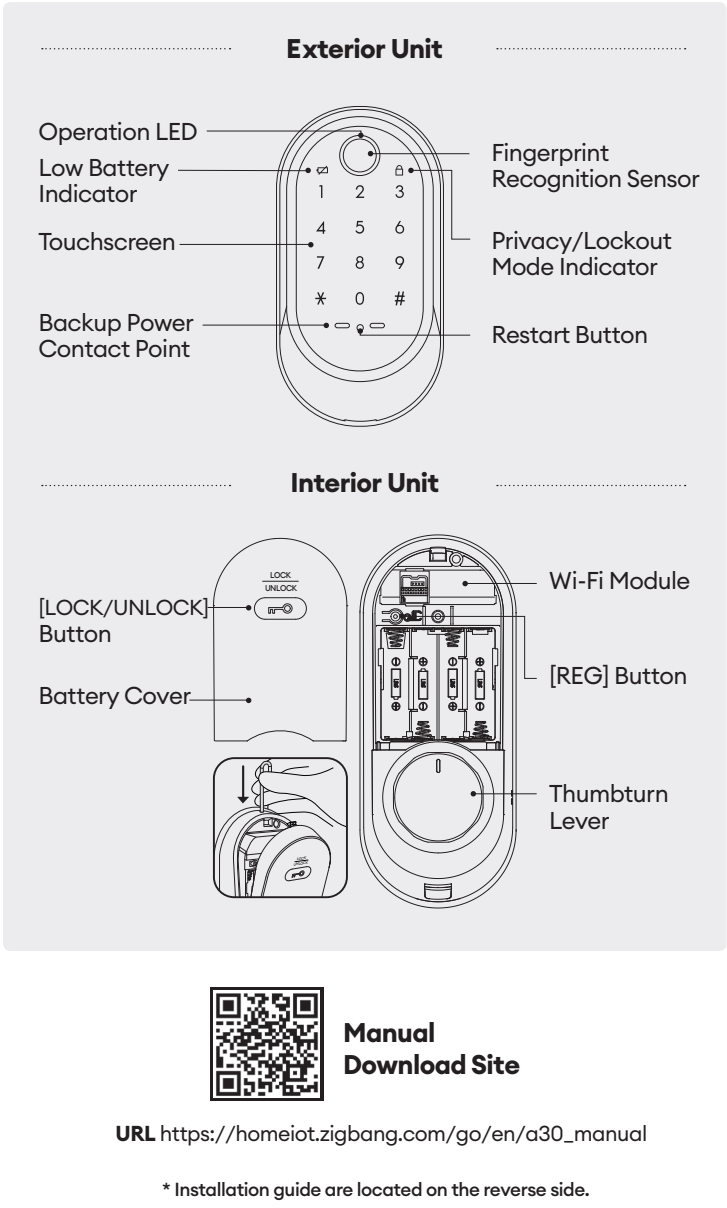


User Guide



Download the Mobile App

Download and install the free mobile app **'zigbang Smart Lock'** on your smartphone from the iTunes App Store™ or Google Play™

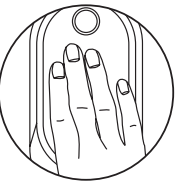
※ Please refer to the guide provided with the app for the information on registration and how to use the app.

Programming Icons Used in This Guide

Symbols	Description
	Touch the [Touchscreen] .
	Press the [*] button to complete a number entry.
	Press the number buttons.
	Enter the master PIN code (4-12 digits). Factory default: 1234
	Enter the user PIN code (4-12 digits).
	Enter the user ID number. Range from 1 to 50.
	REG: open the battery cover of the Interior Unit and press the [REG] button. It is used to begin or exit the Program mode.
	REG5: Press and hold the [REG] button for 5 seconds.
	Place finger on the fingerprint sensor.
	Repeat the process inside the rectangle.
	Press the [LOCK/UNLOCK] button.

Lock Activation

Touch the [Touchscreen] with back of hand or fingers to activate.



How to Lock from the Outside

Touch the [Touchscreen] with back of hand or fingers to lock the door. (Factory default : manual locking mode)

Precautions on Use

WARNING : FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT, AND COULD LEAD TO FAILURE OF THE PRODUCT TO PROVIDE ACCESS

- Do not use the excessive force or sharp objects to push the lock buttons.
- Do not operate this product with wet hands, and keep liquids such as water or beverages away from this product. It may malfunction or be damaged.
- Do not use water, benzene, or alcohol when cleaning the product. Use a soft dry cloth.
- Make sure that the lock is completely closed when going outside.
- Protect your master PIN code and user PIN codes.
- Be careful when sharing digital keys using the app.
- Make sure that no unauthorized person has access to PIN codes. Change them regularly.
- Be sure to correctly match the polarities(+/-) of batteries when installing the batteries. Installing the batteries incorrectly may result in the batteries leaking or the batteries may burst.
- When the battery replacement alarm voice sounds, replace batteries with new ones instead of used ones.
- Please do not use any rechargeable batteries. Alkaline batteries are recommended.
- Batteries may consume more energy depending on the wireless communication environment.
- If this radio system has radio interference during operation, it may not function properly.
- Much dew condensation may affect the performance of this product.
- Keep a distance of 20cm or further when using this product.
- Do not scratch the fi ngerprint recognition sensor with a metal object such as a coin, key, or necklace.
- If your fi nger or the fi ngerprint recognition sensor is dirty or wet, wipe it clean to remove any moisture before using the sensor.
- If the surface of your fi nger is not smooth (wounded or swollen), your fi ngerprint may not be recognized.
- If your fi nger is too small or thin, the fi ngerprint recognition rate may decrease.
- If you bend your fi nger or use only your fi ngertip with the fi ngerprint recognition sensor, your fi ngerprint may not be recognized. Place your fi nger completely on the fi ngerprint recognition sensor for best results.
- To increase the fi ngerprint recognition rate, register the fi ngerprint you would usually use.
- If surrounding of this product is too dry, static electricity may be discharged.
- In this case, touch a metal object to eliminate static electricity before using the fi ngerprint recognition function.

Open Door with PIN Code or Fingerprint

With PIN Code

After touching the [touchscreen], press the two random numbers that appear and press user PIN code.

* Register up to 50 user fingerprints and 50 user PIN codes (4-12 digits).

With Fingerprint

Place your finger on the fingerprint recognition sensor.

Register a User PIN Code

Press the **[REG]** button.

Enter the current master PIN code. (default is '1234')

Press **[1]** followed by **[*]**.

Press **[2]** followed by **[*]** to manage user PIN codes.

Press **[1]** followed by **[*]** for registration.

Enter a **user ID number** (1- 50) to register the **user PIN code** and press the **[*]** button.

* If you just press the **[*]** button, a user ID number will be automatically assigned and displayed on the touchscreen for your information.

Enter a user PIN code and press **[*]** button.

Enter another User ID Number or press the **[REG]** button to exit.

Register a User Fingerprint

Press the **[REG]** button.

Enter the current master PIN code. (default is '1234')

Press **[1]** followed by **[*]**.

Press **[3]** followed by **[*]** to manage user fingerprints.

Press **[1]** followed by **[*]** for registration.

Place your finger on the fingerprint sensor and hold it until you hear a "beep" sound and then lift your finger off.

You will repeat this step 3 times to complete.

* When you place your finger, cover the entire area of fingerprint sensor.

As fingerprint is registered, the user ID number will be sequentially assigned from 1 to 50. It will be displayed on the keypad.

Place another finger on the fingerprint sensor or press the **[REG]** button to exit.

The Privacy Mode Function

While the door is locked, press and hold the [LOCK/UNLOCK] button for more than three seconds. As it is set from the inside, It prevents unlocking the door from outside. You can remotely set this mode on/off via the mobile app.

Activate Privacy Mode

Press the **[LOCK/UNLOCK]** button for 3 seconds while the door is locked.

Deactivate Privacy Mode

Press the **[LOCK/UNLOCK]** button or turn the Thumbturn lever.

※ Be especially careful not to allow children to set this mode accidentally.

Away Mode Function

After a user goes out, this function generates alarm sound when an attempt is made to open the door from the inside.

Activate Away Mode

Touch the touchscreen and press **[#]** button. And then enter the master PIN Code followed by **[*]**.

Deactivate Away Mode

Enter the master (or user) PIN code followed by **[*]** or place the registered finger on the fingerprint sensor.

※ Alarm Release Methods
Outside : PIN code, fingerprint/ Inside : press **[REG]** button

Replace the Batteries

If you hear the voice "Replace the batteries" when unlocking the door with the PIN code or the fingerprint, it is time to replace the batteries. (The low battery indicator lights up when the voice sounds.) Replace all 4 batteries within a week of the first alarm sound.

NOTICE!

- The lock will stop operating suddenly if the batteries are not replaced.
- Be sure to replace 4 batteries at once.

Hold the battery cover with one hand and open the battery cover with the cover pin. When the battery cover opens remove the battery bracket.

Replace all batteries with new ones, connect the bracket and the battery cover.

Using the Emergency Battery

If batteries are not replaced within one week of the battery replacement notification, they will be completely discharged and the lock will not operate. when connecting a 9V battery to backup battery contact on the outer body, you must use the fingerprint or enter the master (or user) PIN code.

NOTICE! For an emergency battery, use an 6LF22 (9V) alkaline battery.

If Wi-Fi is working, try authentication when door lock wakes up after touching 9V battery for more than 20 seconds.

or

Initialize Wi-Fi Set Up

You may initialize Wi-Fi setup if you wish to reconnect with new AP router or decide not to use Wi-Fi anymore.

With the door unlocked and open, press the **[REG]** button for 5 seconds.

Enter the current master PIN code and press the **[*]** button.

NOTICE!

Your already registered authentication (PIN/Fingerprint) is not affected and still valid in use. Those changed values in Settings Menu will be rest to factory default.

Restart Function

If there is no response after touching the [Touchscreen], press the [Restart] button on the center of backup battery contacts using a pin.

NOTICE! Restarting does not delete registered information.

Initialize All PIN Codes & Fingerprints

All registered master/user PIN codes & Fingerprints will be deleted, and the lock will be reset to factory default.

NOTICE!

The Wi-Fi set up is not affected and still valid in use.

With the door unlocked and open, press the **[REG]** button for 5 seconds.

Enter "456082580" followed by **[*]** button.

Function	Factory Default
Master PIN Code	1234
User PIN Code	None
Fingerprint	None
Volume	Mid-Level
Auto Locking Mode	Manual Locking
Randomizer	Activated
2-Step Authentication	Deactivated
Wi-Fi Settings	Activated

Definitions

Master PIN Code : You can have only one master PIN (4-12 digits) code. You can register the user PIN codes / fingerprints after authenticating with the master PIN (4-12 digits) code. You can open the door with the master PIN code, and the factory default is '1234'.

User ID Number : User ID numbers are used to help manage user PIN codes / fingerprints. Each user PIN code / fingerprint will be assigned to a user ID number (1 - 50). User ID numbers are used to delete of user PIN codes / fingerprints.

Randomizer Mode : Enter the 2 random numbers to access your full keypad for user PIN code entry. This feature will help prevent unwanted guests from guessing your PIN code from fingerprint marks left on the touchscreen. This feature is enabled by default but can be disabled.

Locking Mode (Manual /Auto): You can enable or disable this function for locking the door automatically when it is closed. the factory default is 'Manual mode'.

• **Manual :** The door does not lock automatically when it is unlocked, if you touch the [Touchscreen] or press the [LOCK/UNLOCK] button on the interior unit, the door will be locked.

• **Auto :** When the door is unlocked, it is automatically locked after a preset time (10/30/60/120 seconds). However, it does not function if the batteries are completely discharged.

Lockout Mode (Protect Mode): When more than 5 failed authentication attempts occur, the lock will disable the keypad for 3 minutes for security reasons. The lock is re-activated again automatically after 3 minutes.

2-Step Authentication Mode : Both PIN code and fingerprint need to be authenticated to open the door, ensuring a higher level of security. To set this mode, one or more registered fingerprints recommended.

Definitions

[LOCK/UNLOCK] Button : A one-touch button to lock or unlock the door from inside.

Privacy Mode : Press and hold the [LOCK/UNLOCK] button for more than three seconds, then privacy mode is activated. It prevents unlocking the door from outside while someone is inside. You can remotely set this mode on/off via a mobile app.

Low Battery Indicator : Refers to the state when the operating voltage of the lock is lower than the standard voltage, and activates battery replacement notification such as voice or indicator to indicate that the batteries need to be replaced. In case of the low battery, the low-battery LED flickers when using doorlock.

Restart Button : This button resets the lock when the lock stops functioning. Registered information is not deleted.

Thumbturn Lever : When the batteries are completely discharged, this lever is used to mechanically lock or unlock the door from the inside.

Volume Setting : The volume during the input of numbers and opening or locking of the door can be set from level 1 -level 4. The sound is muted at level 1 and is at maximum volume at level 4. The registration menu operates at level 3 regardless of the sound setting.

Wi-Fi Settings : If you connect a Wi-Fi module, you can use App-based various services through Wi-Fi. A user can be registered through the mobile app. It can be activated or deactivated through the settings menu. (Wi-Fi settings)

Quick Guide on Registration Menu

Change the Master PIN Code

REG → Master PIN → 1 → * → 1 → * → New

Current Master PIN code Default: 1234

Register a User PIN Code

REG → Master PIN → 1 → * → 2 → * → 1 → *

or

Master PIN → 1 → * → 2 → *

Delete a User PIN Code

REG → Master PIN → 1 → * → 2 → * → 2 → *

or

Master PIN → 1 → * → 2 → *

Delete All User PIN Code

REG → Master PIN → 1 → * → 2 → * → 3 → *

Register a User Fingerprint

REG → Master PIN → 1 → * → 3 → * → 1 → * → Finger

NOTICE! Maximum number of user registration is 100. (User PIN codes 50, user fingerprints 50)

Quick Guide on Registration Menu

Delete a User Fingerprint

REG → Master PIN → 1 → * → 3 → * → 2 → *

or

Master PIN → 1 → * → 3 → *

Delete All User Fingerprint

REG → Master PIN → 1 → * → 3 → * → 3 → *

Volume

REG → Master PIN → 2 → * → 1 → * → 1 → Silent → 2 → Low → 3 → Mid → 4 → High

or

Master PIN → 2 → * → 1 → *

Auto Locking Mode

REG → Master PIN → 2 → * → 2 → * → 1 → Manual lock → 2 → Auto lock10s → 3 → Auto lock30s → 4 → Auto lock60s → 5 → Auto lock120s

NOTICE!

Make sure the door is fully closed while used the auto locking feature. Deadbolt and strike hole should be well aligned. Do not use this feature if the door has poor alignment or severe deformation.

Quick Guide on Settings Menu

Randomizer

REG → Master PIN → 2 → * → 3 → * → 1 → Activation → 2 → Deactivation

2-Step Authentication

REG → Master PIN → 2 → * → 4 → * → 1 → Activation → 2 → Deactivation

Door Direction Auto Settings

REG → Master PIN → 2 → * → 5 → *

Wi-Fi Settings

* This mode is displayed when a Wi-Fi module is installed.

REG → Master PIN → 2 → * → 9 → * → 1 → Activation → 2 → Deactivation → 3 → WPS mode

* WPS : Wi-Fi protected Setup
Check if your AP router supports this function.

Tips on Troubleshooting

Symptom	Suggestion
There is no power.	- Check if the batteries are inserted in the correct polarity(+/-). - Check that the exterior unit cable has not come loose. - If the batteries are completely discharged, connect a 9V battery to the backup power contact point of the exterior unit, and use the fingerprint or enter the master (or user) PIN code to activate.
I can't change the master PIN code.	- There was a delay while changing the PIN code. The touchscreen must be illuminated when changing the PIN code. - Also, after entering the fi rst digit, the next digit must be entered within 60 seconds. - Replace the batteries if they are discharged. - Refer to the 'Set Up the Master PIN Code' section in the user guide and try again. Ensure that the master PIN code is 4-12 digits long.
I can't register the user PIN code.	- The user ID number has already been used. Delete the desired user ID number and re-register. - Ensure that the user PIN code is 4-12 digits long.
I can't unlock the door with my Fingerprint.	- Check if the cable connection between the interior and exterior unit is normal. - Register additional fi ngerprints to check if it works. - The fi nger must cover the fi ngerprint sensor correctly. - Place your finger and cover the entire area of fi ngerprint sensor.
The door won't lock automatically when I close it.	- If the door doesn't lock automatically when auto locking is set, then the lock has been installed incorrectly. - Determine the root cause of the error by leaving the door open and checking the lock fi rst. If the door lock is working then check the door. - Change the strike part where the dead bolt is caught or adjust the striker position.
There is no response when I touch the [Touchscreen].	- Check if the cable connection between the interior and exterior unit is normal. - Check the cable for nicks or damages. - Press the hole on the front of the exterior to restart function. - If doing the above does nothing, contact the service center.
Wifi connection is not activated.	- With the door locked and close, press and hold the Registration button for 5 seconds. You can hear voice notification when the Wi-Fi module is installed correctly. "WiFi registration has started." - If you can't hear the voice, contact service center.

Specifications

Item	Specifications
Voltage	4 AA Alkaline 1.5V batteries (LR6) (6V)
Operation Method	Electronic access method (PIN codes entry or fingerprint)
Weight	4.6Pounds (2.1kg) (Including both inside and exterior unit)
Temperature Range	-13°F to 140°F (-25°C to 60°C) ※ Battery temperature range : 14°F to 131°F (-10°C to 55°C)
Product Dimensions	Exterior Unit 2 4/5" (W) × 5 1/3" (H) × 1 9/32" (D) (77mm) × (136mm) × (32.7mm) Interior Unit 3 1/32" (W) × 7 1/4" (H) × 2" (D) (77mm) × (184.1mm) × (50.3mm)
Door Specifications	Face Bore 2 1/8" (54mm) Door Thickness 1 3/8" to 2 5/32" (35mm to 55mm) Backset 2 3/8" (60mm) or 2 3/4" (70mm)

※ The content of this manual is subject to change without prior notice to the user in order to enhance the performance of the product.

WARNING : This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evaded by entry else where on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder's hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

Regulatory Compliance

FCC NOTICE!

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.