Safety Precautions

This section contains important information to ensure the user’s safety and prevent potential damage to property.

- The installation and repair should be done by the professional installer or service person.
- Do not install the product in the place where the gap between the door and the frame is 5 mm or more.
- Long-term exposure to direct sunlight may cause a crack on its touch pad. Avoid exposure to direct sunlight.
- Do not use the excessive force or sharp objects to push the lock buttons, as this can damage the product.
- Do not operate the product with wet hands, and keep liquids such as water or drinks away from the product, or the product may malfunction or be damaged.
- Do not use water, benzene or alcohol when cleaning the product, but use a soft dry cloth.
- Make sure that the door is completely closed when going outside.
- Make sure that no unauthorized person has the access to the password.

Change it regularly.
- Be sure to correctly match the battery polarities (+/-) when installing the batteries. Tilting direction of battery polarities may cause a battery liquid leakage or the burst of them.
- When the battery replacement alarm melody is generated, use all new batteries instead of the existing batteries.
- According to the wireless communication environment, its battery may consume much.
- Intermittence in wireless communication may occur when this product is used, or radio interference may occur from other devices.
- As this radio system may have radio interference during the operation, it cannot provide a service for human lives.
- Too much dew condensation may affect the performance of this product.
- Keep 20 cm or longer away from this product when using it.

- The information of this user manual is subject to change without any notice to improve the performance of this product.
- Customer’s improper installation may result in a additional service costs. We highly recommend professional installation.

Product Components

The product components may vary depending on the installation environment.

Opening the Door from Outside (Master/User Password)

Opening the door from outside (Master/User Password) can be done by using the Welcome Function, Security Function, and Multi-leveled Security Code Entry Mode settings.

1. Multi-leveled Security Code Entry Mode

Accessing the door lock or touching the number pad in the Welcome Function mode will light up the number pad.

When the numbers on the number pad are lighted, enter the master/user password and press the [●] button.

2. Common Mode

Accessing the door lock or touching the number pad in the Welcome Function mode will light up the number pad.

When the numbers on the number pad are lighted, enter the master/user password and press the [●] button.

Opening the Door from Outside (Fingerprint)

A locked door can be opened from outside by using a fingerprint. Place the registered fingerprint on the fingerprint sensor.

When a fingerprint is touched on the fingerprint sensor, the door will be opened after 1 second.

Opening the Door from Outside (Key tag, Mobile key)

A locked door can be opened from outside by using a key tag or mobile key. Place the registered key tag or mobile key on the key tag sensor.

When a key tag or mobile key is touched on the key tag sensor, the door will be opened after 1 second.

3. Select Individual Deletion

- To hear the announcement again, press a number button before pressing the [button.

4. Press New User Password

- To hear the announcement again, press a number button before pressing the [button.

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Adding/Deleting a Key tag / Deleting All Key tags

Up to 100 key tags can be registered. A registered key tag can be deleted, or all key tags can be deleted [ISO 14443 Type A supported].

1. Enter Registration Mode

Select the Registration mode (refer to the Registration mode on page 7).

2. Select Key tag Management

Press the [button.

- To hear the announcement again, press a number button before pressing the [button.

3. Select Additional Registration

Press the [button.

4. Connect the Key tag to be Added

Press the [button.

- To hear the announcement again, press a number button before pressing the [button.

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Adding/Deleting a User Password / Deleting All User Passwords

A user can register a user password (4 to 12 digits). Up to 100 user passwords can be registered. A user password registered can be deleted, or all user passwords can be deleted.

1. Enter Registration Mode

Select the Registration mode.

2. Select User Password Management

- To hear the announcement again, press a number button before pressing the [button.

3. Press “1” and the asterisk sign for additional registrations.

Failure: “This password is not registered.”

4. Press “1” and the asterisk sign for all deletions.

Failure: “This password is not registered.”

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Deleting Fingerprint/Deleting All Fingerprints

Max 100 fingerprints can be registered. A fingerprint registered can be deleted, or all fingerprints can be deleted.

1. Enter Registration Mode

Select the Registration mode.

2. Select Fingerprint Management

Press the [button.

- To hear the announcement again, press a number button before pressing the [button.

3. Press “1” and the asterisk sign for additional registrations.

Failure: “This fingerprint is not registered.”

4. Put a fingerprint to Add

Put a fingerprint to add to the fingerprint sensor.

In registering your fingerprint, change its position gradually until it is recognized.

When “beep” sound is generated and the recognition count is displayed on the number pad, remove the finger from the sensor and correct again (Total 3 times).

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Adding a fingerprint

1. Enter Registration Mode

Select the Registration mode.

2. Select Additional Registration

Press the [button.

- To hear the announcement again, press a number button before pressing the [button.

3. Press “1” and the asterisk sign for the fingerprint recognition part.

Failure: “Please try it again.”

4. Connect the fingerprint sensor.

Put the fingerprint to delete to the fingerprint sensor.

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Deleting a fingerprint

1. Enter Registration Mode

Select the Registration mode.

2. Select Individual Deletion

Press the [button.

- To hear the announcement again, press a number button before pressing the [button.

3. Press “1” and the asterisk sign for additional registrations.

Failure: “This fingerprint is not registered.”

4. Put the fingerprint to Delete

Put the fingerprint to delete to the fingerprint sensor.

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Deleting all Fingerprints

1. Enter Registration Mode

Select the Registration mode.

2. Select All Deletion

Press the [button.

- To hear the announcement again, press a number button before pressing the [button.

3. Press “1” and the asterisk sign for additional registrations.

Failure: “This fingerprint is not registered.”

4. Put the fingerprint to Delete

Put the fingerprint to delete to the fingerprint sensor.

5. Exit Registration Mode

If you want to end this process, press the [button of the inner body shortly.

Warning

- A fingerprint cannot be deleted or closed during the registration time (60 seconds). To cancel the Registration mode, press the [button of the inner body shortly.

Note

- If the quality of the fingerprint image is bad, fingerprint registration may be refused.

Trouble

- To make sure the password has been properly registered or deleted, check the password and close the door.

Trouble

- If the password has been properly registered or deleted, registration or deletion can continue.

Trouble

- If you want to end this process, press the [button of the inner body shortly.

Trouble

- If a user connects a key tag within 60 seconds after a new key tag is registered or deleted, the registration or deletion continues to be performed.

Trouble

- If you want to end this process, press the [button of the inner body shortly.

Trouble

- If the password has been properly registered or deleted, check the password and close the door.

Trouble

- If a user connects a key tag within 60 seconds after a new key tag is registered or deleted, the registration or deletion continues to be performed.

Trouble

- If you want to end this process, press the [button of the inner body shortly.

Trouble

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Trouble

- If you want to end this process, press the [button of the inner body shortly.

Trouble

- If the password has been properly registered or deleted, check the password and close the door.
Managing Wireless Module (OPTION)

You can purchase a Wi-Fi for wireless module sold by Samsung and mount it into the Wi-Fi or wireless module socket. However, even though you purchase a proper Samsung Wi-Fi or wireless module, it may not be used in a model that does not support the module. Thus, closely, contact the store before purchasing a Wi-Fi or wireless module to inquire the module type of your model.

1. Mount Wi-Fi or Wireless Module

Open the battery cover and remove the batteries. Insert the battery and close the battery cover.

2. Enter Registration Mode

Select Wireless Module Management

3. Select Wireless Connection Setting

Press the [1] button.

4. Enter Setting Mode

Select Wireless Connection Setting

5. Select Wireless Module Management


6. Wireless Module Connection


Register a WiFi (OPTION)

When connecting a WiFi, a user can use App based various user services through WiFi. WiFi connection is only when the door is closed. (WiFi band: 2.4 GHz)

App Installation and Use

Install the “Smart DoorLock” app from Google Play/App Store. Chinese users can install the Android app from Baidu, Tencent, or Qihoo9393. After becoming a member, a WiFi can be connected.

For information on the registration and use method, refer to the guide provided from the app.

Initialization

All registered data are deleted.

1. Press and Hold [Register] Button

“Ding dong deng”

Press the [1] button.

2. Enter Master Password

When the number pad is lighted, enter the master password and press the [#] button.

“Ding dong deng”


3. Select Wireless Connection Setting

Wireless connection: Initialize mobile key and WiFi registration information.

- The master/user passwords and the fingerprint information are maintained.

- Link of a wireless module: The linked information is maintained.

2. Enter Initialization Number of Key Information

When the number pad is lighted, enter “4560893256” and press the [#] button.

Welcome Function

When a user approaches a door lock, the door lock gets automatically in the authentication standby status even though the user does not touch the number pad or fingerprint authentication part.

By default, the Welcome function is set, and the Security mode is deactivated. In addition, the detection distance is set to Middle distance.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 15.)

2. Select Welcome Function Setting Mode

“Welcome function setting: When a user approaches the door lock, the authentication standby status will automatically activate.”

“Security mode setting: When someone is in front of the door lock for a minute or longer, an alarm sound is generated.”

3. Select Welcome Function Cancellation


“Activate the welcome function.”

Deactivate the Welcome function

If a user approaches a door lock, the door lock does not set automatically in the authentication standby status. Touch the number pad to contact your fingerprint to the fingerprint authentication part to use the door lock.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 15.)

2. Select Multi-Level Security Code Entry Mode Setting

“By pressing a password in order after two arbitrary numbers are inputted, a user can prevent password leak.”

By default, the multi-level security code entry mode is set.

3. Select Welcome Function Setting and Security Mode Cancellation

Set the welcome function and deactivate the security mode


“Welcome function deactivation: Though a user approaches a door lock, the door lock does not give automatically in the authentication standby status.”

Set the detection distance

A user can set the distance that can detect a user who approaches the door. (Short distance: About 40 cm, middle distance: About 60 cm, long distance: About 80 cm)

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 15.)

2. Select Detection Distance Setting

“Detection distance setting: The detection distance may change if the door lock is directly exposed to the sun and it is recommended to limitly use the security mode setting because an alarm sound may be triggered in the case of fans or ventilators where “Ding dong deng” is always turned on or apartment houses of corridor access directly exposed to the sun.”

Other settings

The master/user passwords key tags, and fingerprint information can be initialized.

- The master/user passwords and the fingerprint information are maintained.

- Initialization of the key information.

Door Lock Closing Time Setup Function

This function sets the delay time of the door lock locking after open/close door sensor detects the door. In case that the door closes slowly and the deadlock jams before the door is fully closed, the situation can be fixed by adjusting the door lock closing time.

By default, the door lock closing time is set to 1 second.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 15.)

2. Select Door Lock Closing Time Setting Mode

“Door lock time setting: The door lock is set to 1 second after 9 seconds. Presses the numbers from one to nine and the asterisk sign.”

Double Authorization Mode

Double authorization mode requires both password and fingerprint to open the door, enhancing more security.

To set the double authorization mode, one or more fingerprints need to be registered. When purchased, the door lock is not set to double authorization mode initially.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 15.)

2. Select Double Authorization Mode

“Dual authentication setting mode: Set the authentication mode.”

Security mode setting: When someone is in front of the door lock for a minute or longer, an alarm sound is generated.

“Deactivation setting mode: When someone is in front of the door lock for a minute or longer, an alarm sound is generated.”
1. Enter Setting Mode

2. Select WiFi Use Setting Mode

3. Select Activation/Deactivation

4. Select WPS

5. Connect to AP

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**WiFi Use**

By default, the WiFi Use is set to off.

1. 1.

2. 2.

3. 3.

4. 4.

5. 5.

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**Security Assurance Mode Operation**

Inside: Press the [DOUBLE LOCK] button or opening the door through WiFi generates the sound for action unavailable.

Outside: Touch the [number pad], recognize a fingerprint, or touch with a key tag/mobile key to open the door. Then, the sound for action unavailable is generated.

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**Away Mode and Anti unlock Activation/Deactivation**

**Away Mode**

To prevent intrusion when a user goes out, this function triggers an alarm sound when someone tries to open the door from the inside.

In Away mode, if someone tries to open the door from the inside, "beep-beep" sound is triggered for 5 minutes.

**Anti unlock**

When this function is activated, the internal handle will be tightened to prevent bypass attempts through door edge tools will be minimized.

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**Automatic/Manual Locking Setting**

Open the battery cover of the inner body. Select [Automatic/Manual Locking] toggle switch of the inner body to ARM position.

**Manual**

The door is automatically locked 1 second after the door is closed.

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**Volume Setting**

The sound that is generated when the number buttons are pressed, when the door is locked, or when the locked door is unlocked, can be set according to the user's preference. When purchased, all sounds are set to be generated internally (1 level)

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**Security Assurance Mode Activation/Deactivation**

At home security is made to prevent opening the door from outside while someone is inside.

**Security Assurance Mode Activation**

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**Security Assurance Mode Deactivation**

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**Emergency Power Use**

If batteries are not replaced on time, they will be completely discharged and the lock will not operate.

How to open the door Using Emergency Power

By connecting the Micro-USB 5-pin cable from a smartphone portable charger to the Micro USB power input on the bottom of the outer body, and then authenticate the fingerprint or enter the password.

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