



INTRO

Thank you for choosing a GATEMAN product.

We welcome you to this new door solution world of GATEMAN that is the leading brand in the world digital door lock industry.

Please find comfort and security in yourself through perfectly combined digital and analog technologies presented by GATEMAN.

This user manual enables you to operate the product more convenient and safer.

Be sure to read this completely before using it.

CONTENTS

Getting Started

Safety Cautions	4
Product Features	5
Simplified Directions	6

Directions

Directions	8
Components Overview • Identification	
How to Use	10
Password	
Card Key	
Lock Door	
Open Door from Inside	
Settings	14
Safe Handle Feature	
Volume Setting Feature	
Forced Lock	
Auto / Manual Feature	
Safety Feature	17
Alarm Feature	
3-minute Lock Feature	
Open Door with fake password	

Extra Features

Option	20
Remote Control Module	
Remote Control	
Emergency Power	22
Emergency Power Supply for	
Discharged Batteries	
Product Specification	23

Safety Cautions

Must Read This!!! Please read this carefully for your own safety.

Do not install the unit in outdoor environment.



Be careful not to let unauthorized user know your Password.



Do not spray water directly to the product or wipe it with chemical substances such as benzene, thinner, or alcohol when cleaning the product.



Do not use force with a tool onto the product.



Please keep your password safely.



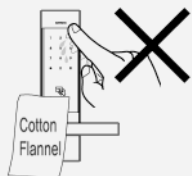
Make sure to lock the door tight when you go out.



Be careful not to hit the handle as it may cause injuries.



Keep foreign materials away from the fingerprint sensor to maintain it cleanly and do not use it with wet fingers.



Caution Make sure to follow the above instructions to avoid any injuries or damages on the properties .

Product Features

1 SHM(Safe Handle Mechanism) Technology

SHM(Safe Handle Mechanism) Technology that makes it impossible to open the Doorlock to trespass a house by drilling a hole on the entrance or through a pet door has been applied.

2 Palm Touch Feature

To prevent the password from being exposed due to residual fingerprints after opening a door, a new technology has been adopted to complete the door opening process by touching the keypad with a palm after entering the password.

3 Smart Pad Feature

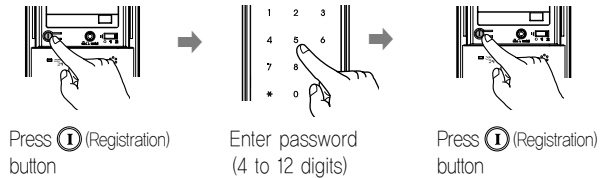
A separate lighting method where each keypad number has been separately designed is applied so that users may examine intuitively how the selected function is operated and if they are run normally.

4 Remote Control (Option)

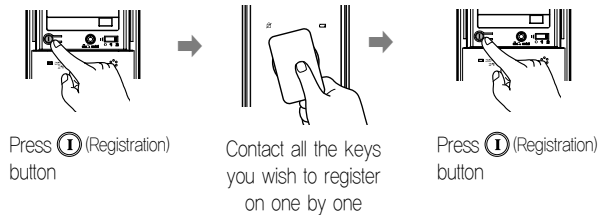
You may use a remote control by installing the Remote control Module.

Simplified Directions

1 Register Password



2 Register Cardkey



3 Lock Door from Outside

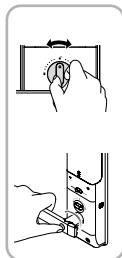
- ① If you close a door in Auto Lock status, it will be closed within 5 seconds by the automatic lock sensor.
- ② In Manual Lock status, touch the keypad in the front body (Front Body) gently with your palm to lock a door.

4 Open Door from Outside

- ① Put a registered card key on the reader
- ② Touch the keypad in the front body gently with your palm to press the registered password. And then, press the keypad again gently with your palm or press * button to end.

5 Lock/Open Door from Inside

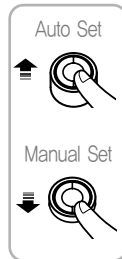
- ① Turn the manual open/close device. The deadbolt will be thrown or be retracted in turn.
- ② If Auto Lock is set, a door will automatically be closed once closed.
- ③ Press the Safe Handle button and lower the handle to open a door.



6 Set Auto/ Manual Mode

Be the Auto/Manual Lock Setting button released in the back body to set Auto

Be the Auto/Manual Lock Setting button pressed in the back body to set Manual



Directions

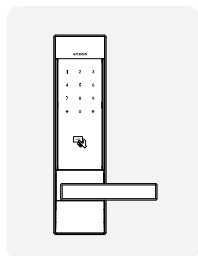
Directions	8
Components Overview • Identification	
How to Use	10
Password	
Card Key	
Lock Door	
Open Door from Inside	
Settings	14
Safe Handle Feature	
Volume Setting Feature	
Forced Lock	
Auto / Manual Feature	
Safety Feature	17
Alarm Feature	
3-minute Lock Feature	
Open Door with fake password	

Components Overview

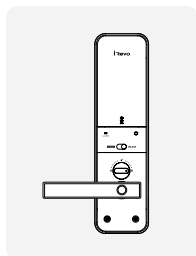
Basic Contents

The contents of this product may be subject to change without notice for performance or quality improvement.

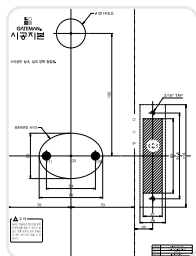
» Basic Contents



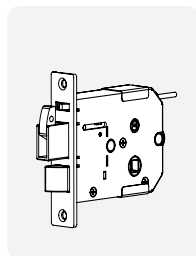
Front (Front Body)



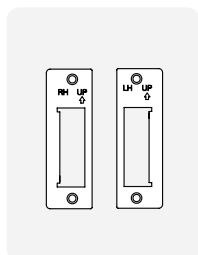
Back (Main Body)



Installation Template



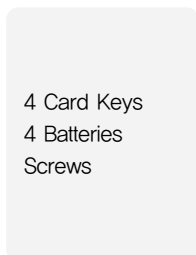
Lock case



Strike Plate



User's Guide



4 Card Keys
4 Batteries
Screws

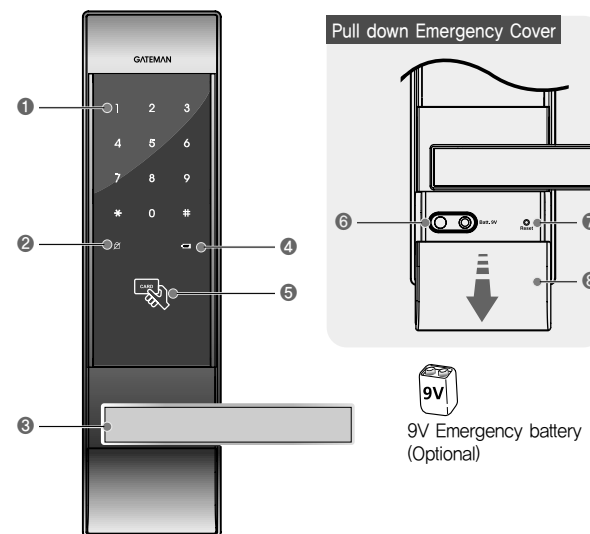
» Option

- Remote control
- Remote control module

Identification

Front

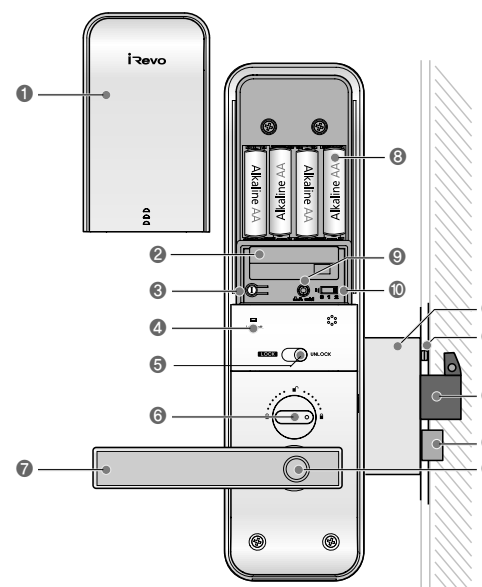
(Front Body, install on the outside of the door)



1	Keypad (10-Key)
2	Dead Bolt Jam Lamp
3	Lever
4	Battery Change Lamp
5	Card Key Reader
6	Emergency Power Supply Terminal
7	Reset button
8	Emergency Cover

Back

(Back Body, install on the inside of the door)




1	Battery Cover
2	Slot for Remote control module(Optional)
3	① Registration button
4	Battery Change Lamp
5	Forced Lock Switch
6	Manual thumb turn
7	Lever
8	1.5V AA Alkaline Batteries
9	Auto / Manual Lock button
10	Volume Control Switch
11	Lock case
12	Automatic Locking Sensor
13	Dead Bolt
14	Latch Bolt
15	Safe handle button

How to Use




To Use Password

Passwords should be selected from 4 to 12 digits, [*] and [#] are not allowed.

>> To Register Password

Order	Play	Description
1 Press  (Registration) button		Open the battery cover in the back body and press  (Registration) button once.
2 Enter the password		Enter the password you wish to register. (4 to 12 digits)
3 Press  (Registration) button		Press the  (Registration) button in the back body again to complete the password registration.

>> To Open Door with Password

Order	Play	Description
1 Touch with palm		Touch the keypad of the front body gently with your palm.
2 Enter password		Enter the registered password in the keypad.
3 Touch with palm		Touch the keypad of the front body gently with your palm or press [*] button to end.








Note

- Make sure to leave the door open when registering a password because you may accidentally lock a door while trying to register or change a password the first time.
- The previously registered password will automatically be deleted when the new password is registered.
- When registering a password, the registered password will be displayed on the keypad (Smart Pad) in sequential order and, then, be disappeared.


How to Use

To Use Cardkey

>> To Register Cardkey

Order	Play	Description
1 Press  (Registration) button		Open the battery cover in the back body and press  (Registration) button once.
2 Contact all the card keys you wish to register on the [card key reader] one by one		If you hear a "pik" sound, the card keys are registered. If you hear a "ti-to-ti-to" sound, the card key had been already registered.
3 Press  (Registration) button		Press the  (Registration) button in the back body again to complete the password registration.

>> To Open Door with Cardkey

Order	Play	Description
Enter Cardkey		Contact card key

Check if the door opens!



Make sure to examine if the door opens normally with the registered password after the registration is complete.



Note

- Keep the door open while you register card key to prevent yourself from accidentally getting locked out.
- The previously registered Card key will automatically be deleted when the new Card key is registered.
- When registering the card keys, Keypad displays the number of registered card keys.



How to Use

Lock Door

» To Close Door from Outside

Order	Play	Description
Auto Lock status		The built-in Auto Lock sensor automatically locks a door within 5 seconds after the door was closed.
Manual Lock status		Touch the keypad in the front body gently with your palm to lock a door.

» To Close Door from Inside

Order	Play	Description
Auto Lock status		The built-in Auto Lock sensor automatically locks a door within 5 seconds after the door was closed.
Manual Lock status		Turn the Manual Open/Close Device to Close side to lock a door.

Note

- Even after a door was locked by the Auto Lock function, please check again if the door was completely closed and locked.

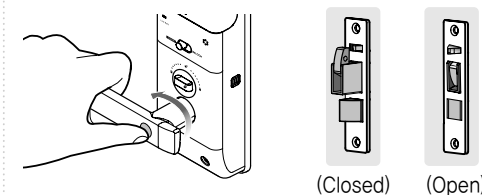
How to Use

Open Door from Inside

The default setting is Safe Handle Setting.

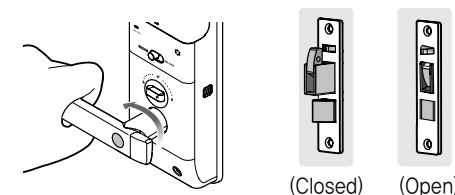
» To Open Door from Safe Handle Setting

Keep pressing the Safe Handle button. And then, lower and push the handle at the same time. The Safe Handle button is found on the interior handle.



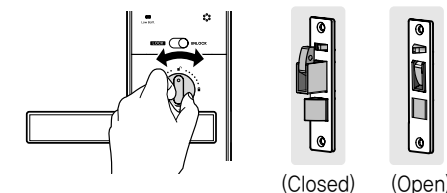
» To Open Door from Safe Handle Setting Locked

Lower and push the interior handle at the same time.



» To Open with Manual Device for Emergencies

Turn the Manual thumb turn to Open side. Keep pressing the Safe Handle button. And then, lower and push the handle at the same time. The Safe Handle button is found on the interior handle.



Note

- Make sure to fully familiarize yourself with the operations for the Manual Device and the Safe Handle in preparation for emergencies.

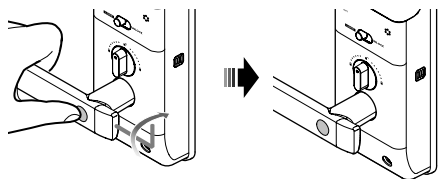
Settings

Safe Handle Feature

The technology to prevent a forced attempt to drill a hole in the door and unlock the Doorlock has been applied.

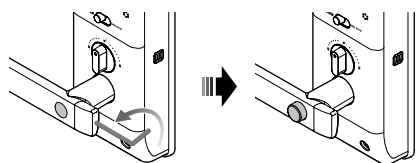
>> To Release Safe Handle Setting

- 1 Open the battery cover and take out a hex wrench.
- 2 Keep pressing the Safe Handle button. Turn the set bolt found in next to the handle to clockwise.



>> To Set Safe Handle

- 1 Open the battery cover and take out a hex wrench.
- 2 Turn the set bolt found in next to the handle to Counter clockwise until the Safe Handle button comes out.



Volume Setting Feature

It enables you adjust the volume of various sounds from the product.

>> Volume Setting

Order	Play	Description
To set volume switch		The operation sound loudness is adjusted according to the Volume Switch Setting. (2 : Louder / 1 : Lower / 0 : Mute)

Note

- Be careful that the set bolt won't detach when modifying the Safe Handle Setting.
- Even when the operation sound is set as 'Mute,' the error and alarm sounds will go off.

Settings

Forced Lock

>> Outside Forced Lock Setting – CARD

Order	Play	Description
Contact card key		Contact the card key on [card key reader] for 5 seconds until you hear 3 beeps.

>> Outside Forced Lock Setting – Password

Order	Play	Description
1 Touch with palm		Touch the keypad of the front body gently with your palm.
2 Enter password		Enter the registered password on the keypad.
3 Press # button for 5 seconds		Press the [#] button for 5 seconds. (The beeping sound sets off for 3 times.)

>> Inside Forced Lock Setting

Order	Play	Description
Set / Release Inside Forced Lock Switch		When the door is closed, move the Inside Forced Lock Switch to LOCK position so that a red sticker can be seen.

Note



- If you try to open a door with the handle or the Manual Open/Close Device from inside when the Outside Forced Lock is set, the alarm goes off.
- If the Inside Forced Lock is set, any attempt to open a door from outside whether it'd be a fingerprint or a password won't work.
- When setting the Outside/Inside Forced Lock, enter the number on the keypad (Smart Pad) and the numbers will flicker from left to right one by one and repeat twice.

Settings

Auto / Manual Feature

Auto Lock setting locks a door within 5 seconds after the door is closed.

>> To Set Auto/Manual Feature

Order	Play	Description
Auto Lock Setting		Be the back body Auto/Manual Setting button released to set Auto
Manual Lock Setting		Be the back body Auto/Manual Setting button pressed to set Auto

Note

- Even after a door was locked by the Auto Lock function, please check again if the door was completely locked.

Safety Feature

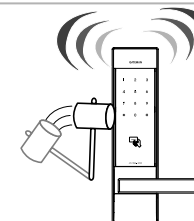
Alarm Feature

The alarm sound continues for 30 minutes or until it is disarmed.

>> Break-in / Damage Alarm

Break-in: When someone tries to Break-in by opening a door when it is locked, the alarm will go off.

Damage: When the front body was damaged due to forced separation or drilling, the alarm will go off.



Release Trespass/Damage Alarm

- Method ①** Enter the registered password.
- Method ②** Enter the registered fingerprint.
- Method ③** Press the interior ① button for 5 seconds.

>> High Temperature Alarm

• When there's fire, it detects the temperature of the inside. It not only goes off an alarm but also releases the lock status automatically.

• Even when the Inside Forced Lock mode is set, the High Temperature Alarm releases the lock status automatically.



Release High Temperature Alarm

- Method ①** Enter the registered password.
- Method ②** Enter the registered fingerprint.
- Method ③** Press the interior ① button for 5 seconds.

Note

- If a door is open when the Auto Lock is not properly operated, the Trespass Alarm might go off.
- If the Back body is exposed to direct sunlight for a long time, the temperature sensor may operate and go off an alarm.
- Even when the Inside Forced Lock mode is set, the lock status will automatically be released if the High Temperature Alarm goes off.
- If the alarm goes off due to damage, fire, or trespass, the numbers on the keypad will light up clockwise. (It repeats the status for 30 minutes with alarm sound.)

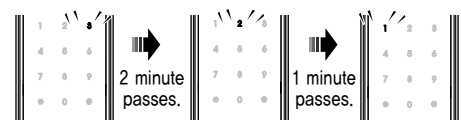
Safety Feature

3-minute Lock Feature

At 3-minute Lock mode, no button, besides those in the back body, will work.

>> 3-minute Lock Mode Display

- If a password or a fingerprint that is yet to be registered is entered for 5 consecutive times, 3-minute Lock mode is on and nothing will work for 3 minutes.



To Release 3-minute Lock

Method ① Press the Back body ① button.

Method ② Turn the Back body handle.

3 minute Lock starts.
The number [3] lights up.

2 minutes left.
The number [2] lights up.

1 minutes left.
The number [1] lights up.

Open Door with fake password

It is the most effective feature when you are concerned about your password being accidentally exposed when you have company or in the similar situations.

>> To Open Door with fake password

Order	Play	Description
① Touch with a palm		Touch the keypad with your palm gently.
② Enter the fake password and a password		<p>Method ① Enter the fake password → password</p> <p>Method ② Enter the password → fake password</p>
③ Touch with a palm		Touch the keypad with your palm gently or press [*] button to end.

Note

- 3-minute Lock mode won't affect any alarm and is sustained even after the product is rebooted.
- Once 3-minute Lock mode is on, the fake PIN code mode won't work until the next normal verification (fingerprint verification, normal password, open door from inside). In this case, please open a door with your correct password.

Extra Features

Option 20

Remote Control Module

Remote Control

Emergency Power 22

Emergency Power Supply for

Discharged Batteries

Product Specification 23

4 5 6

7 8 9

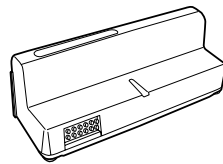
* 0 #

⌂ □

Option

Remote Control Module

Buy the Remote control Module and install it to link the remote control.

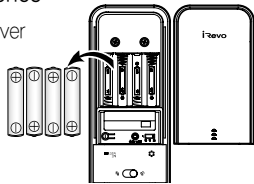


Remote control Module

» Install Remote Control Module

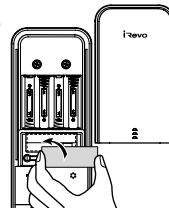
1 Remove batteries

Open the battery cover in the back body and remove all batteries.



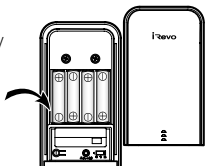
2 Install Remote Control Module

Equip the Remote control Module to the slot.



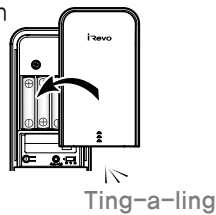
3 Insert batteries

Insert all the batteries by checking the (+, -) connector.



4 Confirm the installation

If you hear a 'ting-a-ling' sound, the Remote control Module has been installed correctly. Close the battery cover.



Ting-a-ling

Note

- The operation status may only be examined through the remote control.

Option

Remote Control

Not only FSK method but also the wireless encryption algorithm has been applied.

» To Register Remote Control

Order	Play	Description
1 Press I (Registration) button and # button		Open the battery cover in the back body. Press I (Registration) button and then, [#] button.
2 Enter number 0 and 5 on the keypad		Enter the number 0 and then, 5 button on the keypad.
3 Register fingerprint		Press the SET button of the remote control
4 Press I (Registration) button		Press the I (Registration) button in the back body again to complete the procedure.

» To Release Remote Control

Order	Play	Description
1 Press I (Registration) button and # button		Open the battery cover in the back body. Press I (Registration) button and then, [#] button.
2 Enter number 7 and 5 on the keypad		Enter the number 7 and then, 5 again on the keypad.
3 Press I (Registration) button		Press the I (Registration) button in the back body again to complete the procedure.

Note





- The wireless encryption algorithm resorts to the floating ID technology where the wireless password is changed every time the remote control is operated.

Emergency Power

Emergency Power Supply for Discharged Batteries

You may open a door by contacting the 9V battery

» To Supply Emergency Power

Order	Play	Description
1 Contact the 9V battery		Open the emergency cover. Keep contacting the 9V battery onto the emergency power supply terminal.
2 Touch with a palm		Touch the keypad gently with your palm.
3 Enter password		Press each number of your password.
4 Enter * button		Press [*] button. (Once the motor is fully operated, you may detach the 9V battery.)

» To Replace Battery

1 Expiry Period

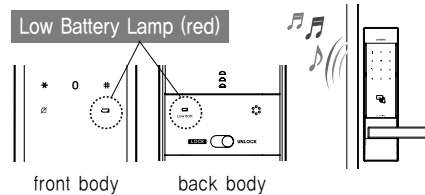
The product uses four 1.5V(LR6) alkaline AA batteries.
They may sustain 1 year if used 10 times a day.
(Users are advised to use authentic alkaline batteries.)



2 Low Battery Alarm

You must replace all 4 batteries for the following cases:

- * The Low Battery Lamp on the front body lights on
- * The Low Battery Lamp on the back body flickers red
- * The alarm melody goes off
(a nursery rhyme starting with ting-a-ling melodies)
- * The voice guide goes off ("Please replace batteries.")



Note

- The battery duration varies in the temperature, humidity, the number of use, and the quality of the battery.

Specifications

Specifications

Parts	Specifications	Remarks
Front (Front Body)	76.4(W) x 290.4(H) x 27(D), Zinc die-casting	Operating temperature : -15~55°C (5~131 °F)
Back (Main Body)	78.4(W) x 295.4(H) x 37(D), Fiber-glass	
Lever	Zinc die-casting	
Battery	4EA 1.5V AA alkaline batteries (Operating voltage: 4.5 ~ 6 V)	Last up to 1 year (10 times used a day)
Lock case	Steel and SUS304	
Option	Remote Control	Wireless
		Optional

- * Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.
- * Please make sure that all parts are included when purchasing the product.
- * Optional products may not be available depending on your country or local dealer.