

■ For the safety of the user and proper use of the product, please be sure to read the user manual before use.



2Way
[PIN NUMBER / CARD]



This product is not waterproof, so do not install it in a place exposed to snow/rain.

If the product is exposed to snow/rain, water may seep into the product and cause failure.

Caution

- This product is a keyless digital door lock, and in case of malfunction, some parts of the digital door lock may be damaged.
- You should familiarize yourself with the manual opening and closing device for emergency situations.
- If the door lock is damaged due to failure to follow the precautions, repair costs will be incurred.
- The Administrator PIN Number is not registered when the product is shipped for the first time.
- Please be sure to register and use only the Card provided by our company. If you register and use transportation cards, credit cards, smartwatches, or other cards, security issues may arise.



This product should not be installed on doors with a thickness of 60mm or more, or on heavy large sliding doors (such as factory doors or warehouse doors).

Specifications

Applicable Models	2WAY: PIN Number, Card
Rated voltage	DC 6V (AA type Alkaline battery 1.5V 4EA)
Operating method	Electronic control method (PIN Number and Card)
Operating temperature	-20℃~ 60℃
Sensor operating temperature	60℃ ± 10℃
Size / Material (W×H×D)	Outer Body: 57(W) × 179(H) × 17(D) / Aluminum die-casting
	Inner Body: 57(W) × 188(H) × 42(D) / ABS / Aluminum die-casting
Battery lifespan	Approximately 1 year based on 10 uses per day.
	The lifespan of the battery may vary depending on the quality of the battery, frequency of use, and operating conditions.
Emergency Power	Alkaline 9V battery

※ The trademarks, copyrights, and other rights in this manual belong to the manufacturer, and any unauthorized reproduction, in whole or in part, is prohibited and may be subject to legal action.

※ The contents of the user manual may be subject to change without prior notice to the user in order to improve the product’s functionality and quality.

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Things to know

Safety Precautions

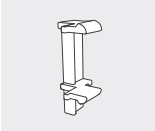
■ This information is provided to prevent harm to the user’s safety, property damage, and inconvenience. Please read the following carefully and use the product correctly.

- ✓ If the product is disassembled or repaired by the user, service may be limited.
- ✓ Please regularly change and manage your PIN to ensure that others cannot access it.
- ✓ Do not install on doors that are exposed to direct sunlight for extended periods, as it may cause malfunctions with the touch pad.
- ✓ Do not install in areas exposed to snow/rain or places with high salt content.
- ✓ Using the product in environments with heavy condensation may cause performance issues.
- ✓ Make sure to check that the door is fully locked when leaving the house.
- ✓ Do not operate the product with wet hands and be careful not to let any liquid enter the inside of the product.
- ✓ Strong impacts or the use of sharp tools on the product may cause damage.
- ✓ When cleaning the product, do not wipe it with water, benzene, alcohol, etc., and use a soft dry cloth.
- ✓ Make sure to insert the battery correctly, paying attention to the polarity (+/-).
- ✓ If the battery is inserted incorrectly, contrary to the indicated direction and polarity, it may cause leakage or rupture.
- ✓ When replacing the batteries, replace all batteries with new alkaline batteries of the same brand, and do not mix with used batteries or batteries from different brands.
- ✓ Make sure to use an alkaline battery for batteries.
- ✓ Depending on the wireless communication environment, battery consumption can increase.

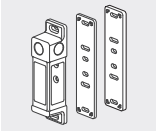


If damage occurs due to customer self-installation, repair costs may be incurred. We recommend installation by a technician from the place of purchase.

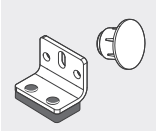
Accessories



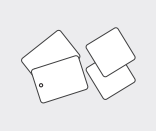
Installation Guide



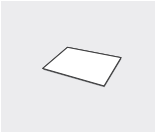
Striker
& Striker Spacer



Bracket stopper
& Sensor



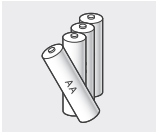
Card



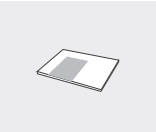
Quick
Installation Guide



Screws



Battery (4ea)

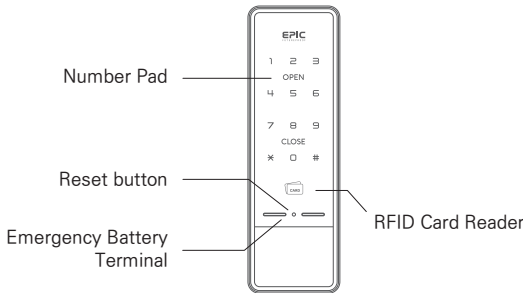


Manual

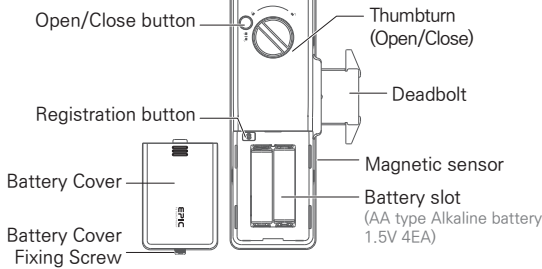
※ The shape and quantity of the Card may change depending on the specification.

Name of Each Parts

Outer Body



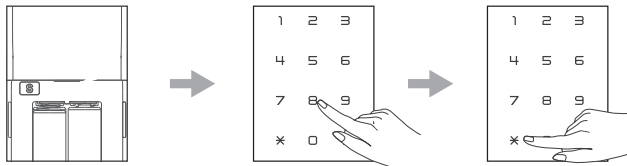
Inner Body



※ Unlock the Battery Cover by loosening the Battery Fixing Screw at the bottom to open or close the Battery Cover.

How to Use

PIN Number Registration



[When you register only one PIN Number]

1. After opening the battery cover, press the Registration button.
2. Enter the PIN Number you want to register. (4–13 digits)
3. Press the [*] button to complete the registration.

[When you register more than one PIN Number]

1. Open the battery cover and press the Registration button twice in a row.
2. Enter the PIN Number you want to register. (4–13 digits)
3. Press the [*] button to complete the registration of the first PIN Number.
※ You can register up to 3 additional PIN Numbers, for a total of 4 PIN Numbers.
4. To register an additional PIN Number, simply repeat the steps 2 and 3.
5. Press the [*] button to complete the registration.
※ When the fourth PIN Number is registered, the process will be automatically completed.

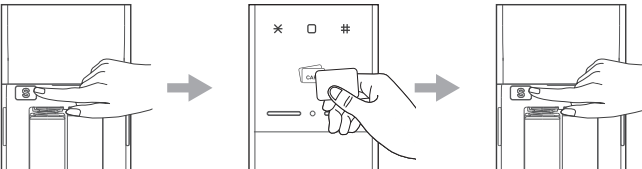
- If you cancel the registration mode, it will remain the previous PIN Number.
- If you enter more than 14 digits, it will not be registered.
- If you enter less than 4 digits, it will not be entered.
- Registering a new PIN Number will delete all previously registered PIN Numbers.
- If there is no action for 1 minute while entering the PIN Number, registration will be canceled.

※ The Intial PIN Number is “1234”.

※ Please proceed with the PIN Number registration and check the registered PIN Number.

How to Use

Card Registration



1. Open the battery cover and press the Registration button.
2. Please contact the Card.

※ The registration will sound when the Card is touched by the contact.
※ Repeat consecutively if you are registering multiple Cards.
※ You can register up to 100 Cards.

3. If you Press the Registration button to complete the registration.

- If you cancel the registration mode, the old Card will be maintained.
- If you register 100 Cards in a row, the process will be automatically completed.
- If an error occurs during registration, start again by entering the Registration button.
- If there is no action for 1 minute while entering the Card, Registration will be canceled.
- Registering a new Card will delete all previously registered Cards.

※ You can only use the Card we provided. We are not responsible for any problems caused by the use of the Card other than the one we provided.

※ Please note that if you register a new Card while a Card is already registered, for security reasons, all previously registered Card information will be automatically deleted.

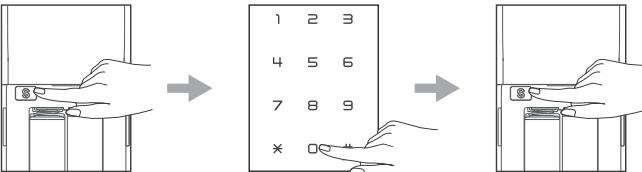
[Check Card registration method and registration Card]

- One-by-one registration: Registration button → Number [6] [4] → Registration button → Registration Number [1–100] → [#] → Tap the Card to be registered.
(Repeat the corresponding section when registering additional Cards) → Registration button
- Check the number of Registration Cards: Registration button → Number [9] [6] Registration button (The number of Registration Cards flashes on the Number Pad.)

※ Existing Card information will remain the same when registering one-by-one.

※ If you want to repeat the section for additional registration and end it, press the Registration button.

Card Deletion



1. Open the battery cover and press the Registration button.
2. Touch the Number Pad and press the Number [0].
3. If you Press the Registration button to complete the deletion.

- If you lose your Card, delete it all at once and re-register the rest of your Card.
- If you cancel the deletion, the old Card will be retained.
- If there is no action for 1 minute while deletion the Card, deletion will be canceled.

[How to delete one-by-one Cards]

- One-by-one deletion: Registration button → Number [7] [5] → Registration button → Registration Number [1–100] (Repeat the corresponding section when deleting an additional Card) → [#] → Registration button

※ If you want to repeat the section for additional deletion and end it, press the Registration button.

How to open the door from the inside

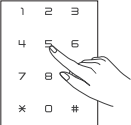


When the door is locked, switch the Thumbturn to [🔒] or press the Open/Close button to open the door.

- If the external forced lock is set, an intrusion alarm will sound if the door is opened from the inside.
- If the anti-prank feature is activated, it will be deactivated when the door is opened from the inside.

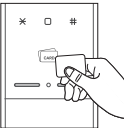
※ Emergency Manual Switch Operation Instructions.

How to open the door from the outside



1. When touch the Number Pad at front body, LED is on with the light and sound.
2. Enter the registered PIN Number and Press the [*] button to open the door.

- ※ Open the door when the buzzer is ringing.
- ※ Random Number Feature can be used.



When touch a registered tag to the tag contact area, the door is opened.

- If the lock is not released within 7 seconds of touching the Number Pad, the mode will exit.
- When using an unregistered PIN Number and Card, the entire LED and error sound occur.
- When using an unregistered PIN Number and Card 5 times, The Anti-Prank Feature is activated.
- Error sounds occur when using PIN Number and Cards outside with internal forced lock set.

How to lock the door from the inside

- [Auto Lock] When you close the door, the sensor automatically locks the door.
- [Manual Lock] Close the door and press the Open/Close button to lock the door.
Close the door and switch the Thumbturn to [🔒]

How to lock the door from the outside

- [Auto Lock] When the door is closed, the sensor activates and automatically locks the door.
- [Manual Lock] Close the door and touch the Number Pad to lock the door.

Additonal Features

External Forced Lock

This function disables the Open/Close button inside.

- ※ There are two methods: 'Simple' and 'Security' settings, depending on PIN Number use.
- ※ If you open the door outside with a PIN Number or Card, it will be automatically released.

- [Simple] Registration button → Number [5] [1] → Registration button
- [Security] Registration button → Number [5] [2] → Registration button

How to use the External Forced Lock

- [Simple] Touch the Number Pad → Press [#] over 3 sec.
- [Security] Touch the Number Pad → Enter the PIN Number → Press [#] over 3 sec.

External Forced Lock Alert Time

It is the function that alert crime prevention status with LED [#] blinking.

- ※ If set it to blinking for 12 hours, the battery life may be shortened. Please be careful when using it.

- [1Minute] Registration button → Number [5] [6] → Registration button
- [12Hours] Registration button → Number [5] [7] → Registration button

Additonal Features

Setting the Thumbturn Deactivation Feature

If you manually open the door with the External Forced Lock is active, the deadbolt relocks.

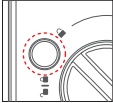
- ※ It operates when the door is closed(Automatically detected by the sensor)

- [Setting On] Registration button → Number [5] [8] → Registration button
- [Setting Off] Registration button → Number [5] [9] → Registration button

Internal Forced Lock

This function prevents the door from being opened from outside using a PIN Number or Card.

- ※ It operates when the door is closed(Automatically detected by the sensor)



[Internal Forced Lock Function Setting On]

Press the Open/Close button for 3 seconds to set while the door is locked.

[Internal Forced Lock Function Setting Off]

When the door is locked, press the Open/Close button to unlock it.

Deadbolt Auto Lock / Manual Lock

- [Auto Lock] This function automatically locks the door after a certain period of time.
Registration button → Number [4] → Registration button
- [Manual Lock] This function locks the door when you close it and hold a Number Pad from outside.
Registration button → Number [6] → Registration button

Sound Setting

- ※ The buzzer sound volume can be adjusted in 8 levels from silent to loudest.
- ※ Regardless of the volume setting level, the alarm sounds at the loudest volume.

[Volume step-by-step setting] (The volume is adjusted by step each time you pressed [#])

Registration button → [#] → Registration button

[Instant volume setting]

1. **Loudest:** Registration button → Number [3] → Registration button
2. **Medium:** Registration button → Number [2] → Registration button
3. **Silent:** Registration button → Number [1] → Registration button

Guest PIN Number Registration

This function sets a one-time PIN Number in addition to the user PIN Number.

Ex) It can be set for one-time visitors such as tutors or housekeepers.

Registration button → PIN Number → [#] → Number [1] → [#]
→ Guest PIN Number → [#] → Guest PIN Number → [*]

- ※ Guest PIN Number is automatically deleted once use it.
- ※ If not use Guest PIN Number, the Guest PIN Number will remain available.
- ※ When changing an existing PIN Number, the registered Guest PIN Number will be deleted.

Etiquette Mode

This function disables the operating sound when the door is opened from outside, once.

[PIN Number Setting] Touch the Number Pad for 2 sec. → Enter the PIN → [*]

[Card Setting] Touch the Number Pad for 2 sec. → Touch the Card.

Intrusion Alarm

If an attempt is made to forcibly open the door while it is locked, the automatic detection sensor detects this and triggers an intrusion alarm with a sound of over 80dB for 1 minute.

- ※ If the battery is removed or the correct authentication method is used, the alarm will deactivate.

1. 1 minute alarm: Registration button → Number [7] → Registration button
2. Infinite alarm: Registration button → Number [8] → Registration button

High Temperature Alarm

If the high temperature sensor is above 60℃ ± 10℃, an alarm sound of 80dB is generated and automatically unlocked 5 seconds after the alarm.

- ※ If the door is not automatically open, try to open it every 3 seconds.
- ※ It automatically unlocks regardless of Internal and External forced Lock settings.
- ※ When an alarm sound occurs, the correct authentication method is used, the alarm will deactivate.
- ※ When the product temperature is high, the alarm sound will be released when the battery is removed.
- ※ If the room temperature is below a certain temperature, the door lock will operate normally.
- ※ Prolonged direct sunlight exposure can trigger an alarm by activating the temperature sensor.

Random Number Feature

When entering a PIN Number, you can enter an Random Number(an imaginary number) first and then enter a registered PIN Number to prevent others from knowing the PIN Number.

- ※ The Random Number, including the PIN, must be up to 20 digits.

Anti-Prank Feature

This feature stops operation for 30 seconds with an alarm for 5 seconds if an incorrect PIN Number or Card is entered 5 times in a row.

- ※ The Anti-Prank Feature maintains a shutdown even when the power is removed.
- ※ Opening the door from the inside will turn off the Anti-Prank Feature.

Deadbolt Operation Error Warning Function

If the deadbolt is stuck in the striker, the door is not closed properly, or the attachment is not operated smoothly after the door is closed, a buzzer occurs three times.

- ※ If there is a continuous warning sound or is not functioning normally, the door lock needs to be repositioned, so ask for the help of the installer.

Low Battery Warning Function

It is a function that informs you of battery replacement due to the low battery voltage in use, and a warning melody (Drunten im Unterland) sounds from the door lock.

- ※ The door won't open when the battery is completely discharged. Please replace it immediately.
- ※ Please make sure to replace all four batteries you have been using with new alkaline batteries.

[How to replace the battery]

1. For batteries, use AA type genuine alkaline 1.5V batteries.
2. If insert the battery against the direction and polarity of the battery inside the battery, it will cause leakage or Overheating occurs, which can cause failure.
3. You need to replace all of them with new batteries, and do not use a mixture of new and existing batteries.

- ※ This door lock has an anti-insertion design and won't work if the battery is reversed.
- ※ Replacing the battery does not erase the registered PIN Number information.
- ※ After replacing the battery, enter the password to check the door lock's operation.

Emergency Power Supply Function



When the battery is discharged, connect an alkaline 9V battery to the emergency power terminal to temporarily supply power. If working, a "beep beep-" sound will play and the number pad lamp will light up.

(Keep the 9V battery in contact with the emergency power terminal)

Touch the Number Pad → PIN Number → [*]

- ※ Alkaline 9V batteries can be purchased at convenience stores, stationery stores, and marts.
- ※ When supplying emergency power, the battery can be contacted regardless of its polarity.

Additonal Features

Adminstrator PIN Number & Card Registration / Deletion

- ※ To check if the Admin PIN Number is registered, press the Registration button. If you hear two beeps, it means it is already registered.

- ※ When registering, changing, or deleting the Admin PIN Number or Admin Cards, please ensure the door is open.

[Admin PIN Number Registration]

Registration button → Number [9] → Registration button → Number [7] [1]
→ [#] → New Admin PIN Number → [*]

[Admin PIN Number Change]

Registration button → Number [9] → Registration button → Number [7] [1]
→ [#] → Admin PIN Number → [#] → New Admin PIN Number → [*]

[Admin PIN Number Deletion]

Registration button → Number [9] → Registration button → Number [9] [1]
→ [#] → Admin PIN Number → [*]

- ※ Deleting the Admin PIN Number will prevent registering, changing, or deleting the Admin Card.

[Admin Card Registration] (Up to 10 can be registered)

Registration button → Number [9] → Registration button → Number [7] [3]
→ [#] → Admin PIN Number → [#] → Contact the Card → Registration button
(consecutive)

- ※ Admin Card registration can be registered after the Admin PIN Number is registered.
- ※ If you register 10 Cards in a row, the process will be automatically completed.

[Admin Card Change]

Registration button → Number [9] → Registration button → Number [7] [3]
→ [#] → Admin PIN Number → [#] → Contact the Card → Registration button

- ※ Please note that if you register a new Card while a Card is already registered, for security reason, all previously registered Card information will be automatically deleted.

[Admin Card Deletion]

Registration button → Number [9] → Registration button → Number [9] [3]
→ [#] → Admin PIN Number → [#]

- ※ All registered Admin Cards will be deleted.

Disable PIN Number and Card Authentication for Users

This feature allows the administrator to restrict the use of PIN Numbers and Cards for users.

Touch the Number Pad → Number [8] [2]→ [#] → Admin PIN Number → [*]

Touch the Number Pad → Number [8] [2]→ [#] → Admin Card → [*]

- ※ This feature must be set while the door is locked.
- ※ If you open the door with the Admin PIN Number or Admin Card, the feature will be disabled.
- ※ You must use an Admin PIN Number or an Admin Card to turn on or off this feature.

Dual Authentication Function

This function opens the door only when you enter your PIN Number and use your Card.

- ※ You can use it after registering your Card.

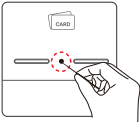
[Setting On] Registration button → Number [8] [1] → Registration button

[Setting Off] Registration button → Number [8] [3] → Registration button

[How to use] PIN Number → [*] → Card

Reset Function

In the event of a malfunction of the door lock, press the Reset button to reset the program for use It is a function that enables you to do so.



Press the Reset button between the outdoor 9V emergency power terminals with a pointed tweezers or ballpoint pen.

- ※ Initializing the program by pressing the Reset button will not delete the registered PIN Number and Card information.

Before Reporting a Failure

Symptom	Checking	Measures
When I open and close the door, the melody comes out	It's time to replace the batteries.	It's an alkaline battery, and it's a battery input unit Replace all batteries.
The LED does not light up even after touching the Number Pad.	It's time to replace the batteries.	First, use a 9V square battery to open the door and replace all batteries with an alkaline battery.
The motor briefly moves and stops, followed by a "beep" when the door is opened or closed.	Deadbolt error occurred because the door and door frame were twisted.	Check and adjust the door closure for door opening and dosing adjustment, please adjust the door and door frame.
It's not working while entering the PIN Number.	After 5 incorrect password attempts, it enters safe mode for 30 seconds.	Please try again in 30 seconds.
The door lock does not power on even with a 9V battery when discharged.	The 9V battery is in incorrect contact.	Please try again with the 9V square battery in contact.
Set the door to automatic lock I closed it, but the door won't lock automatically.	This is the case when the sensor of the product is defective or the magnet is deviated.	Change the setting to manual mode, use it first, and contact us for aftersales service Take it.
When I open and close the door, it feels like it's shaking or getting stuck.	Locking screws on the door lock of the interior or the striker attached to the door frame may be released.	Place the door lock and striker securing screws on the interior Check and tighten with a screwdriver.
The door does not open even after entering the correct PIN number.	Check the PIN Number again.	Contact the administrator. ※ [Disable PIN Number and Card Authentication for users]