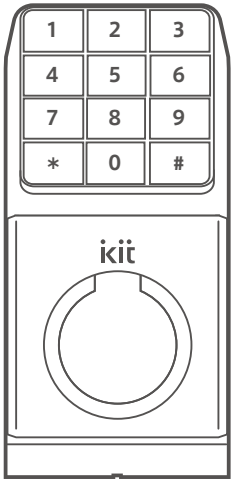
Robot Home

RBT3.0

Learning SMART LOCK
Installation Guide
To Custermer



Instruction Manual

■ Before use

Please read this manual thoroughly in order to use this product properly. Please keep this in case that a problem occurs.

* Please do not reprint or copy the contents of this manual without permission.

※ The appearance and specifications shown are subject to change without prior notice for improvement.

※ The compensation for errors etc. described in this manual will not be made.

※ We are constantly improving the quality of our products. Depending on the time you purchased, there are some differences among the same products. Please understand.

※ The contents of this manual may be changed without notice in the future.

※ Company names and product names described in this manual are trademarks or registered trademarks of each company.

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Before Use

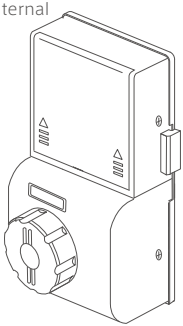
Please read this manual thoroughly in order to use this product properly.

■ Items included

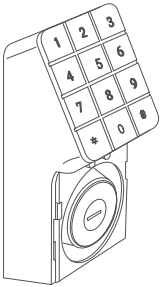
Please check the below items are included in this package.
※The below figures may look slightly different from they actually are.

Main unit

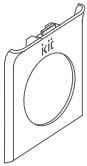
Internal



External



Key sylinder cap



Master card (IC card)

Before Use

Please read this manual thoroughly in order to use this product properly.

■ Notice before use

- Please keep your physical key in case of emergency.
- Please use unused Alkalin batteries. Otherwise, it may shorten the battery life, or worse, cause the device failure.
- It's recommended to replace batteries once a year. It is also recommended to operate the lock a few times a month at least since leaving it unused with batteries loaded may causes liquid leaks of the batteries.
- Do not give it a strong impact like by dropping it or hitting with a hammer.
- Please keep your IC card. If you lost it, delete the old one and re-register your new IC. We will not be responsible for any damage caused by or relating to the card you lost. Use your physical key instead in case if you cannot unlock it with your IC. In case you don't have the physical key, please consult with a locksmith. In case you live in an apartment, please consult with the owner or a manager of its property.
- Even if you use the autolock features, please make sure it's locked. We will not be responsible for any damage caused by leaving the door unlocked. Be careful not to locked out when using this feature.
- Do not tamper with Open/Close button or the sensor part.
- Do not clean this with organic solvent such as alcohol. Do not directly put water on it. These actions causes serious accident such as electric shock and fire.
- Please follow building rules if you live in a rental house.

Before Use

Please read this manual thoroughly in order to use this product properly.

■ Notice before use

- Since prepaid transportation cards may be replaced when you update it, please register another card for your back up. Also, do not use Korean prepaid transportation card nor Smartphones which may share its ID with another card/device.
- Do not bend, make holes on, nor expose high temperature the device.
- You can use AC power supply with batteries loaded. But this usage may cause liquid leak of batteries, which will not be covered by our warranty policy.
- Do not dissemble nor modify the device.
- Do not leave the device under a high temperature nor high humidity condition.
- Do not use this under such a condition having much condensation.
- Do not use the device in such a place with high humidity, much dust, or fume.

RF Exposure

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Part 15 Statements

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Before Use

Please read this manual thoroughly in order to use this product properly.

■ Notice before use

Modification warning

⚠ **Caution!**

- Any changes or modifications (including the antenna) made to this device that are not expressly approved by the manufacturer may void the user’s authority to operate the equipment.

Before Use

Please read this manual thoroughly in order to use this product properly.

■ About this product

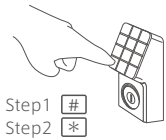
●This product is an electronic device that can control many types of locks via various way such as blue tooth, IC card, and personal pincode.

1. How to use

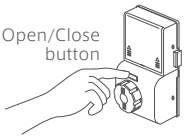
●IC card （Master card (up to 5), User card (up to 300)）。
●Your personal pincode
●Bluetooth （Application is required）。
●Physical key

2. How to use

●**when you go out**
Push [#] and [*] in this order to lock the door. （If you use autolock feature, the door will be locked 1 sec later it's closed)



●**When you come home**
Push Open / Close button. （If you use autolock feature, the door will be locked 1 sec later it's closed)



■ About this product

3. Features

●Bluetooth
Control the device remotely via kit application

●IC card
IC cards conforms to international standards such as ISO14443A, ISO15693, ISO18092 can be registered as a master card.
※Some IC card cannot be registered depending on their quality.

●Autolock
By using this feature, the door will be closed automatically 1 sec after you close the door.

●Silent mode
You can mute the sound when you put IC card, etc. Emergency alart cannot be muted.

●Emergency alart
In case of emergency, this gives you an alart with the sound more than 100 d B.

●Emergency power supply terminal
You can supply power to the device in case the batteries out. Also, you can reset the device by using the same terminal in case it's freezed.

Name of parts

IC reader unit

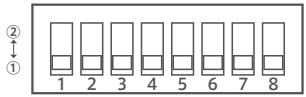
IC reader region
the region to hold IC card up over

Start-up key
Key to start the device
※Pressing any key can start the device

Emergency power supply terminal
The terminal to supply power through when the battery is out.

Key Cylinder cover
This cover is for protecting Emergency power supply terminal. Slide it down to get off.

Dip switch



Switch number	①	②
1 : 2 :	Do not use	
3 : Silent mode※2	OFF	ON
4 :	Do not use	
5 : Alart sound	ON	OFF
6 : 7 : 8 :	Do not use	

※1 : Be careful not to lock accidentally. You may be locked out.

※2 : Silent mode cannot mute the alart sound.

Thumb turn/battery unit

Battery unit cover
This cover is for protecting battery and operation buttons. Slide it up to get off.

mini USB port
data communication

Thumb turn
Manual operation

Open/Close button
Lock/unlock from inside
Push

C button
Push to register IC card

R button
Push to register pincode

AAA alkaline battery
Insert 4 AAA alkaline battery

Initial set up（Tablet）

■ Pincode registration

You can unlock the door with your pincode even if you don't have smartphone nor IC card with you. This is also needed during the authentication process performed on the tablet.

Prerequisit 1 ： it uses Bluetooth®. The distance between the tablet and the lock should be within 10m.

①Tap smart lock

②Tap personal pincode

③Input your pincode of **4-12 digits**

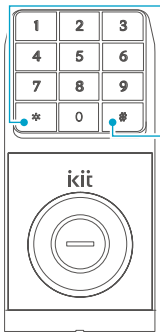
※pincode should be **4 to 12 digits**

④Confirm your pincode

⑤Done

Basic feature

■ Pin code



Please follow the below procedure to use your pincode

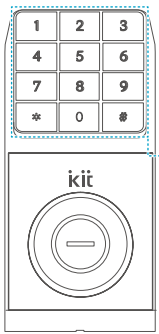
The button you press firstly

The button you press lastly

●Pincode

Step 1

■ IC card



Hold IC card after start-up key to unlock the door.

Start-up key

※Start-up key can be any button on the key pad.

IC reader

※Sensitivity differs on its quality and kind. Please use sensitive one to register.

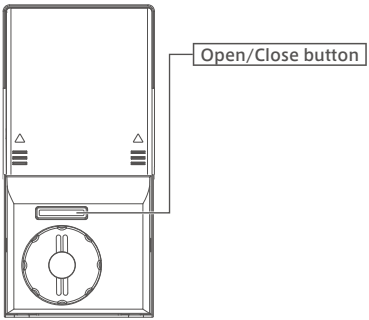
Step 1 Press start-up key

Step 2 Hold IC card up over the reader unit

Basic feature

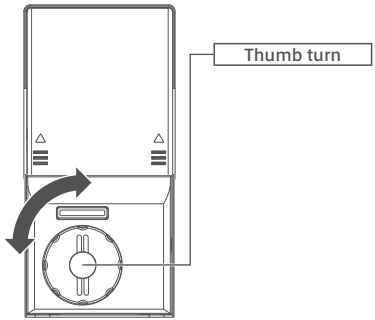
If you don't use autolock, the door will be locked when you press # and * in this order.

■ Open/Close button



Step 1 Push Open/Close button

■ Thumb turn



Step 1 Like ordinary thumb turns, you can lock and unlock by turing it.

Use from kit app（Tablet）

■ Lock ・Unlock

⚠ If you don't use autolock, the door will be locked when you press # and * in this order.

Prerequisit 1 ： The lock should be paired with the tablet. Please refer to p22.Pairing

①Tap the button of Smart lock card on the tablet

②unlocked

※The screen shot shown may be different from actual one depending on the version of the lock you use.

lock ⟷ unlock

Your tap toggles the status of the lock

Use from kit app（Tablet）

■ IC card registration

※Registration of all IC card will be canceled if you perform set-up procedure from kit app.

Prerequisit 1 ： it uses Bluetooth®. The distance between the tablet and the lock should be within 10m.

①Tap smart lock

②Tap unregister IC card

③Inpurt your pincode

④Tap delete all

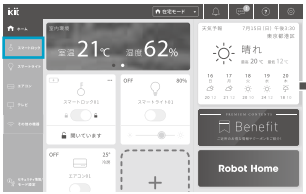
⑤done

Use from kit app（Tablet）

■ Change your pincode

Prerequisit 1 ： it uses Bluetooth®. The distance between the tablet and the lock should be within 10m.

①tap smart lock



②Tap change pincode

③Input the current pincode

④input new pincode

⑤confirm your pincode

⑥done

⚠ ※Pincode digit is from **4 to 12**

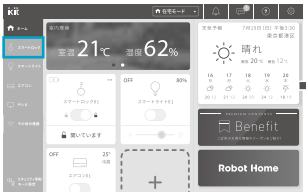
Use from kit app（Tablet）

■ Auto lock

Prerequisit 1 ： it uses Bluetooth®. The distance between the tablet and the lock should be within 10m.

⚠ The device lock itself spontaneously if you left the door closed after unlocking it. This happens even if you don't use Auto lock feature.

①Tap smart lock



②Tap auto lock

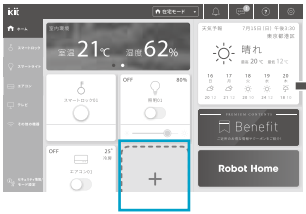
③Please check the Autolock is "on"

Use from kit app（Tablet）

■ Pairing

Prerequisit 1 ： it uses Bluetooth®. The distance between the tablet and the lock should be within 10m.
Prerequisit 2 ： Register your personal pincode to the lock.Please refer to p15.Pincode registration

①Tap +



②Select Smart lock

③Input the name of this device

④Select the serial number of your device

⑤Input your pincode

⑥Done

Advanced features

■ Register master card

Register master card

Prepare master card (up to 5 cards can be registered)

Procedure

Prepare IC card

Step1 **Push C button twice**

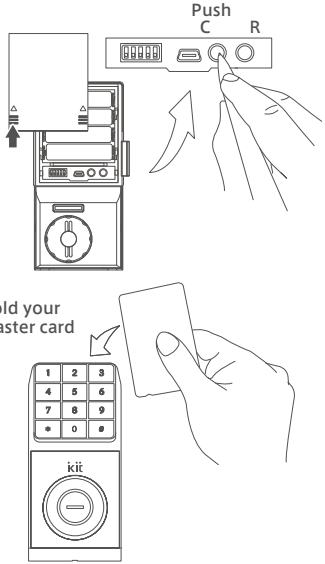
Uncover the battery unit and push C button once then you will hear "pit pit pit lot lot"

Step 2 **Hold your IC card**

Hold your IC card up over IC reader unit, you will hear "pit pot" and the card is registered as a master card. To register another master card, hold it within 5 sec

Step 3 **Procedure will be completed once you push C button**

or leave it for 5 sec. In the latter case, you will hear "pit pit"



Uncover the battery unit Push C button

"pit"

Push C button again

"pit"

"pit lot lot lot"

Hold IC card within 5 sec

"pit pot"

To register another card, hold it within 5 sec

"pit pot"

Push C button

"pii pho pii"

Done

Advanced features

■ Register user card

Register user card

Contrary to master card managing all the registered info, up to 300 user cards can be registered to one device. This can be used to allow your colleague or family members to open the door.
※Some IC card cannot be register due to its low quality. Push ∗ and hold your card you want to register. If you hear "pii pii pii", your card is compatible. Otherwise it's not.

Procedure Allocate 3 digits block number to your card

Step 1 Push C button once

Uncover the battery unit and push C button once then you will hear "pit"

Step2 Hold your master card

Hold your master card up over IC reader unit, you will hear "pii pho pii".※If you hear "pii pii", it's not your master card or the battey is low.

Step3 Input 3 digits block number + #

Input 3 digits block number + #, you will hear "pit pot"
※You can choose your own block number. You cannot register multiple cards to one block number. Please keep the number. It's needed to delete the card.

Step4 Hold your IC card

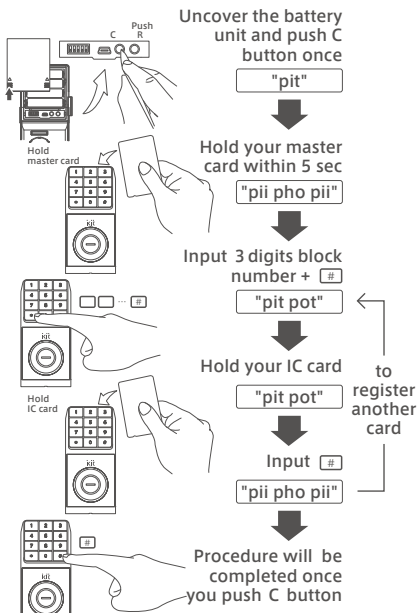
Hold your IC card up over the reader unit and you will hear "pit pot"

Step5 Input #

Input # and it makes sound of "pii pho pii". Repeat step 3-5 to register another card.

Step6 Push C button once

Procedure will be completed once you push C button or leave it for 5 sec



Advanced features

■ Deletion of user card

1 Delete an individual IC card

You can delete a card individually by its block number. If the block number is unknown, you cannot delete it individually.
※You cannot delete multiple cards at once.

Procedure

Step 1 **Push C button once**

Uncover the battery unit, and push C button once then you will hear "pit"

Step 2 **Hold your master card**

Hold your master card up over IC reader unit, you will hear "pii pho pii" and the card is unregistered.

Step 3 **Push C button once**

Uncover the battery unit and push C button once then you will hear "pitpot"

Step 4 **Input 3 digits block number + #**

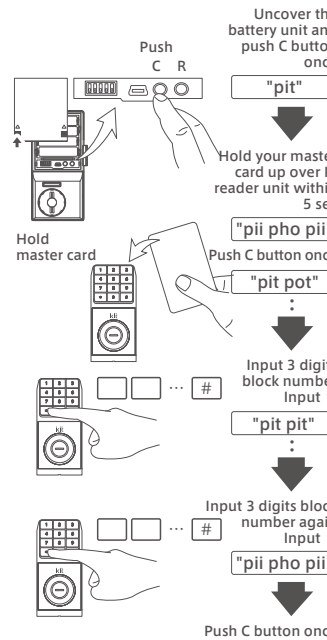
Input block number which occupied by the card you want to unregister and #, then you will hear "pit pit"

Step 5 **Input 3 digits block number + #**

Input block number and #, then the card is unregistered with the sound of "pii pho pii"

Step 6 **Push C button**

Procedure will be completed once you push C button or leave it for 5 sec



Advanced features

■ Deletion of user card

Easy to set up via kit app!

※Registration of all IC card will be canceled if you perform set-up procedure from kit app.

2 Delete all user cards

Procedure

Step 1 **Push C button**

Uncover the battery unit and push C button once then you will hear "pit"

Step 2 **Push R button once**

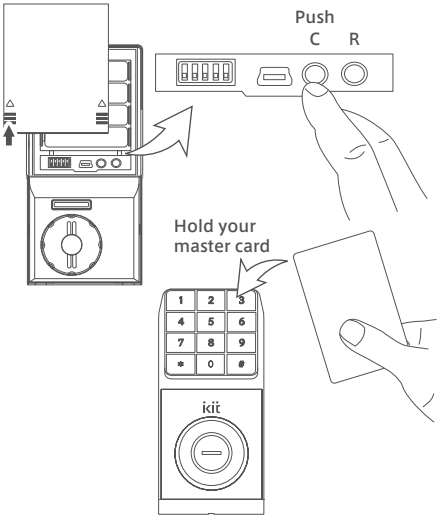
Push R button once and you will hear "pit"

Step 3 **Push C button**

Push C button once and you will hear "pit"

Step 4 **Hold your master card**

Hold your master card up over IC reader unit with in 5 sec, you will hear "pii pho pii" and the card is unregistered.



Uncover the battery unit and push C button once

"pit"

Push R button once

"pit"

Push C button once

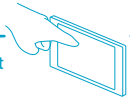
"pit"

Within 5 sec Hold your master card

"pit"

Advanced features

■ Deletion of master card



Easy to set up via kit app!

※Registration of all IC card will be canceled if you perform set-up procedure from kit app.

Deletion of master card

Prepare your master card
※All the registered mastercards will be deleted if you delete one of them. User card will not be deleted.
※Your personal pincode will be deleted if you delete your master card.

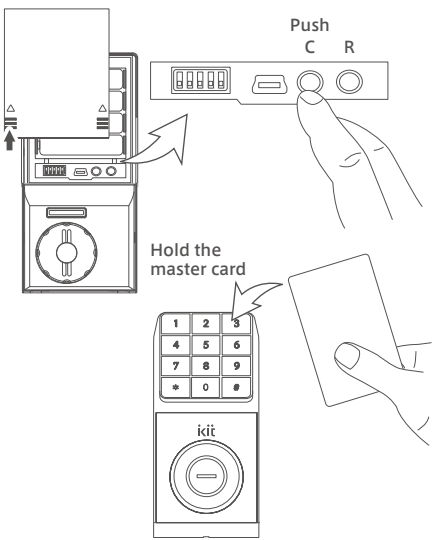
Procedure

Step 1 **Hold C button for 5-10 sec**

Uncover the battery unit and hold C button for 5 sec. It makes sound of "pit" when you push C button and "pilololot" if you hold it for 5 sec then release the button.

Step 2 **Hold your master card**

Hold your master card up over IC reader unit with in 5 sec, you will hear "pii pho pii" and the card is unregistered.



Hold C button for 5-10 sec

"pit"

"pit lot lot lot"

Hold your master card with in 5 sec

"pii pho pii"

Deletion completed

Advanced features

■ Silent mode

⚠ Emergency alart cannot be muted.

You can mute the sound by using this feature. In the default setting, the device gives sounds.

Step 1 Remove a battery

Remove one battery by uncovering the battery cover.

Step 2 Change the 3rd dip switch to ②

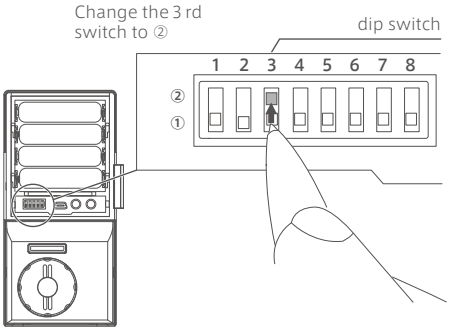
Change the 3rd dip swithch to ② with a screw driver as shown below.

Step 3 Push Open/Close twice

Discharge stanby current and reset the device

Step 4 Insert a battery

Insert a battery back to the main unit and the procedure is completed.



Other features

■ Notification of low battery

No need to set up for this. When batteries are low, LED of Open/Close button blinks and the melody of twinkle twinkle little star gives you an alart.

※You can use the lock approx. 300times after this alart starts. But it's recommended to change all the batteries at once as soon as possible.
When you change batteries, please push Open/Close button several times to discharge the standby current.

■ Emergency power supply

Emergency power supply offers you a way to supply power even when the batteries are out.

Procedure

Prepare 006 P 9 V Alkaline battery

Step 1 **Hold the battery to the terminal**

If you hold the battery to the emergency power supply terminal, you will hear the start up sound

※the direction of ＋－ terminal of the battery against the emergency terminal doesn't matter

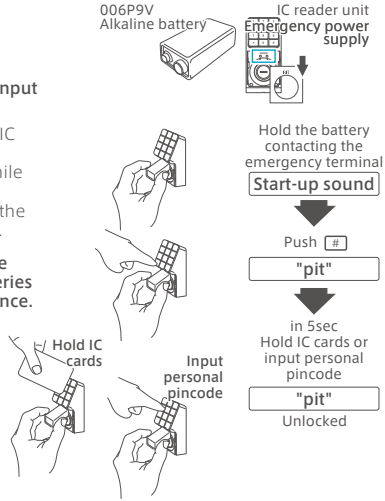
Step 2 **Push #**

Push # while holding the battery against the terminal, you will hear "pit" sound.

Step 3 **Hold the IC card or input pincode.**

Hold your registered IC card or input your personal pincode while holding the battery against the terminal, the lock will be unlocked.

※If succeeded, please replace sll the batteries with new ones at once.



Other features

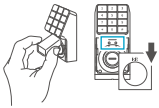
■ Reset the device by using emergency power supply terminal

In case the device is freezed by static electoricity or other reasons, the device can be reset by supplying power from the emergency terminal.

Step1 **Open the door (Keep it open)**

Push Open/Close button and open the door

※you can supply power regardless of the direction of the battery +- terminal.



Emergency power supply terminal hold the battery like above figure shows

Start up sound

■ Sound setting

You can chose the sound volume from Big and Small.
The default is Small.
The sound volume of emergency alart cannot be changed.

Step 1 **Open the door (keep it open)**

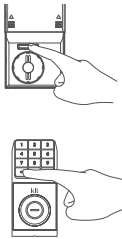
Push Open/Close to open the door

Step 2 **Hold Open/Close for 5 sec**

Hold Open/Close for 5 sec and this gives a sound like "pit pit pit pit pit lot"

Step 3 **Push 7**

Push 7 and the sound volume is set Small



Push Open/Close button

"pit pit pit"

Unlocked

Hold Open/Close button for 5 sec

"pit pit pit pit pit lot"

Push 7 and this procedure is completed.

■ Alart

For countermeasure against invasion, this device gives off an alart sound more than 1 0 0 d B.
This can be occured in case the magnet accidentaly come off, someone try opening the door before unlocking or opening the door just before it closes.

※Please stop alart with the door open and the alart is running.

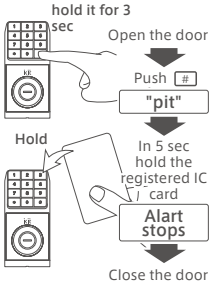
Step1 **Open the door (keep it open)**

Step 2 **Push #**

If you push #, it sounds like "pit" to confirm.

Step 3 **Hold your registered IC card on it**

The alart stops if you hold your registered IC card on the device.



※Same procedure switched the sound volume from Small to Big. Be careful not to leave the door unlocked in case you are not using Autolock function.

Specification

Model	RBT3.0
Main unit	65×140×53mm
IC reader unit	55×105×29mm
Power supply	AAA Alkaline batteries（use 10 times a day=aprox. 1 year） / 006P batteries（for emergency power supply）
ECO mode	ECO mode ON・OFF（ON=constant power supply、OFF=sleep after certain period）
Compatible IC standard	ISO14443A／ ISO15693（I-CORD）／ FeliCa
Limit of operation record	3,000
Alart sound	more than 100dB
Operation temperature	−10～45℃

■All the data is collected under the conditions determined by RobotHome. The content can be changed without prior notice.
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※Other company names and product service names are trademarks of each company.

Specification

■ Compatible lock cases

MIWA	LA、LAF、BH DA、DAF POSTE、LSP、LE、TE、FG PP POM Others, OEM Locks
GOAL	LX series, LG series, LDseries, others
SHIBUTANI	CDS series、LCS series
Compatible backset length	38、51、64、76mm
Compatible door thickness	30 ～ 60mm ※the door with the thickness more than described left can be compatible with special adaptors.

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Robot Home Co.,Ltd.

Learning SMART LOCK

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Company outline

Robot Home Co., Ltd.