1. Front Body (Front Body, installation on the outside of the door)

① Keypad
②
③
④
⑤
⑥
⑦
⑧
⑨

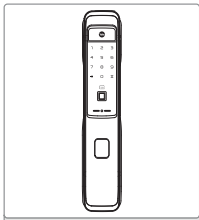**9V** 9V Emergency alkaline battery

4. Main Body (Main Body, installation on the inside of the door)

Yale

Link

Designed by Plane in Korea

7. Setting Menu

Normal Mode: Without a designated person, anyone who knows 'User PIN Code' has authority to set features.

Master Code: Only a designated person who knows 'Master PIN Code' has authority to set features.

Visitor Code: The visitor code is different from user code and given out to visitors only.

Onetime Code: The onetime code is used only once for unlocking the door lock and automatically deleted after usage.

User Slot Number: User Slot Number Should be 2 digits(like"01", "02" …) When registering group of users in advanced mode, the User Slot Number is used to distinguish individuals and offer private pin codes.

Icon	Description
✋	Touch the Keypad of the Front Body with your palm to begin.
✳	Press ✳ button on the Keypad.
#	Press # button on the Keypad.
Ⓡ	Press Ⓡ(Registration) button in every steps to start or complete the session.
CARD	Enter User Card Key.(Up to 40EA)
🖐	Enter User Fingerprint.(Up to 40EA)
U PIN CODE	Enter User Code.(4 ~ 10 digits)
M PIN CODE	Enter Master Code.(4 ~ 10 digits)
V PIN CODE	Enter Visitor Code.(Only 4 digits)
O PIN CODE	Enter Onetime Code.(Only 4 digits)
UN	User Slot Number should be 2 digits.(like '01', '02' ...)
	Rotation area to add more features.

9. Quick Menu (Normal Mode)

Without a designated person, anyone who knows 'User PIN Code' has authority to set features.

✳ Continue / Ⓡ Complete

User Code Registration and Change												
	1	2	3	4	5	6	7	8	9	10	11	12
Registration	Ⓡ	U PIN CODE New	Ⓡ									

Card Key — Up to 40EA

Registration	Ⓡ	CARD	Ⓡ

Fingerprint — Up to 40EA

Registration	Ⓡ	✳	🖐 8times	✳ OR Ⓡ

Visitor Code

Registration	U PIN CODE	Ⓡ	1	#		1	#	V PIN CODE	#	✳ OR Ⓡ
Delete						3	#	U PIN CODE	#	✳ OR Ⓡ

Onetime Code — Auto delete after using.

Registration	U PIN CODE	Ⓡ	2	#		1	#	O PIN CODE	#	✳ OR Ⓡ
Delete						3	#	U PIN CODE	#	✳ OR Ⓡ

Delete All Finger print

Delete	U PIN CODE	Ⓡ	3	#	1	#	U PIN CODE	#	✳ OR Ⓡ

Delete All Card Key

Delete	U PIN CODE	Ⓡ	3	#	2	#	U PIN CODE	#	✳ OR Ⓡ

DoorLock Setting: Automatic lock setting

Registration	U PIN CODE	Ⓡ	4	#	2	#		1	#	✳ OR Ⓡ
Delete							3	#	✳ OR Ⓡ

10. Unlocking Door with Code

Palm touch → Enter the Code → Palm touch OR Enter the ✳button

11. Unlocking Door with Fingerprint

※ At the top left of the fingerprint input box when the fingerprint recognition status lamp is turned on, please open the door after the light is turned off.

Touch the panel (Area sensor) with fingerprint for 1-3 sec → Check Finger print recognition → Finger print scan completed

12. Unlocking the door from inside / outside

Enabled(Safe Handle) Status

Push the inside button up Enabled(Safe Handle).

Disabling(Safe Handle) Status

Push the inside button down Disabled (Safe Handle).
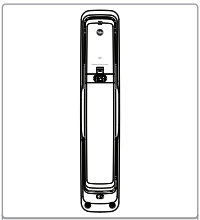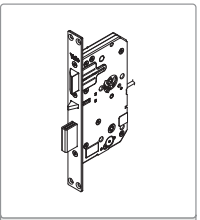

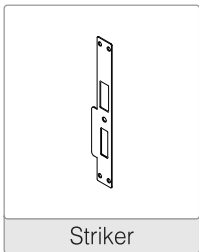# 2. Basic Contents

Basic Contents

Front Body — Main Body — Lock Case

Striker

- User Guide
- Install Guide
- 4 AA Batteries
- 4 Card Keys
- 2 Mechanical Keys

Optional Accessories

- Remote Controller

3. Specifications

Parts	Specifications	Remarks
Front Body	71.4(D) X 77(W) X 397.4(H) mm	Rated Voltage Operating temperature Sensor operating temperture(High).
Main Body	78(D) X 77(W) X 396.7(H) mm	
Battery	4EA 1.5V AA Alkaline batteries(Available for 1 year under the assumption of 10 times use per day)	
Type of product	Direct current, Temperature Sensor, Not fire resistant, Key is not available, Deadbolt type door lock (D-F-T-NK-M).	

※ Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.

5. Front Body

①	Keypad(10-key)	②	Dead Bolt Jam Lamp
③	Card Key reader	④	Fingerprint Sensor
⑤	Push Pull-Bar	⑥	Battery Change Lamp
⑦	Emergency Power Supply Terminal	⑧	Reset Button
⑨	Emergency Keyhole		

6. Main Body

①	1.5V AA Alkaline Batteries	②	Slot for Remote Control module
③	Ⓡ Registration Button	④	Close Button
⑤	Safe Switch(Back side)	⑥	Push Pull Bar
⑦	Internal Forced Lock Switch	⑧	Battery Cover

8. Product Features

3minute Lock Out Feature
After five(5) unsuccessful attempts at entering a invalid code or Cardkey, 3 minute Lock out mode will be activated.

Fake PIN Code
Security enhancement to enter any number before or after entering a password. With this function, user can reduce the anxiety of exposing passwords.

Smart pad
Convenient function that shows the operation of the door lock with 12 numbers and symbols on the number plate. It expresses various situations such as door opening, closing, and typing on a number plate.

Mechanical Key
When there is a problem such as forgotten security code electronic malfunction, the lock can be operated with mechanical key. You can lock and open the door by opening the case lid and turning the key.

Safe Switch
To prevent from break-in and unexpected release of the door lock from inside.

Smart Etiquette
To enter pin codes on the keypad and open the door lock in silent mode.

Bluetooth
After pairing & registering a smart phone with YMI70 using Yale Link app, user could lock and unlock the door by using smart phone.

Network Module Setting (*Optional)
This setting becomes available through the Main Menu (9) and allows the lock to connect with the Controllers.

DoorLock Setting: Change mode and Master PIN Code registration

Change Mode	U PIN CODE	Ⓡ	4	#	1	#	M # New	M Again	Ⓡ

DoorLock Setting: Language Setting

Language Setting	U PIN CODE	Ⓡ	4	#	5	#	1 Korean	#	✳ OR Ⓡ
							2 Chinese	#	✳ OR Ⓡ
							3 English	#	✳ OR Ⓡ
							4 Taiwanese	#	✳ OR Ⓡ

DoorLock Setting: Volume Control

High								1	#	✳ OR Ⓡ
Low	U PIN CODE	Ⓡ	4	#	3	#	2	#	✳ OR Ⓡ
Mute							3	#	✳ OR Ⓡ

DoorLock Setting: Bluetooth setting

Registration	U PIN CODE	Ⓡ	8	#	1	#	✦	✳ OR Ⓡ
Delete					3	#	U PIN CODE	#	✳ OR Ⓡ

Remote Control

Registration	U PIN CODE	Ⓡ	8	#	8	#	1	#	SET Button	#	✳ OR Ⓡ
Delete							3	#	U PIN CODE	#	✳ OR Ⓡ

Controller

Registration	U PIN CODE	Ⓡ	9	#	1	#	Controller	#	✳ OR Ⓡ
Delete					3	#	U PIN CODE	#	✳ OR Ⓡ

How to press remote control set button
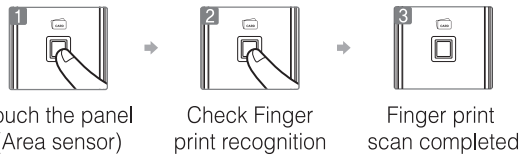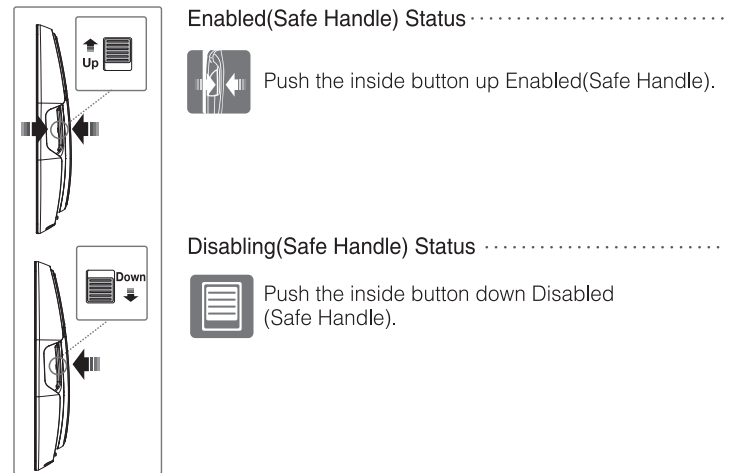: Press the set(registration) button located on the front of remote control. You can press it using a pin like the picture.
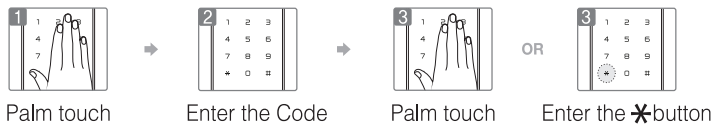
13. External Forced Lock

External Forced Lock Setting - Fingerprint

Swipe with registered Fingerprint and touch the # Button for 5 seconds until you hear 3 beeps.

External Forced Lock Setting – User code

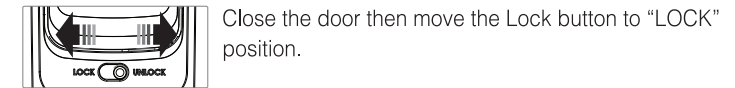Swipe with registered Fingerprint and touch the Button for 5 sec. until you hear 3 beeps.

External Forced Lock Setting – card Key

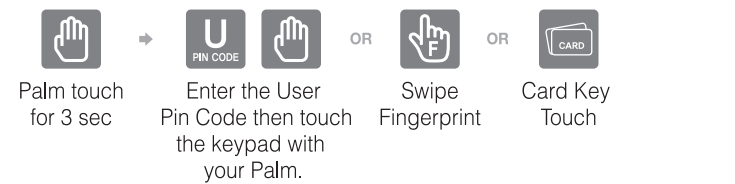Contact Card Key on [Card Key reader] for 5 sec. until you hear 3 beeps.

Releasing External Forced Lock Setting

When the door is unlocked from outside based upon proper authentication, the External forced lock will be released.

Internal Forced Lock

Close the door then move the Lock button to "LOCK" position.

14. Unlocking Door with Smart Etiquette.

Palm touch for 3 sec → Enter the User Pin Code then touch the keypad with your Palm. OR Swipe Fingerprint OR Card Key Touch

15. 3-minute Lock Out Feature

After five(5) unsuccessful attempts at entering a invalid code or Card Key, 3-minute Lock Out mode will be activated.

To Release 3-minute Lock Out
❶ Open with inside door bar.
❷ Open the door with mechanical key.
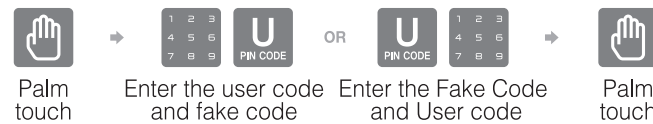❸ Press Ⓡ button.

16. Alarm

Intrusion / Damage alarm

Break in Alarm: The alarm will be activated if someone forces to open the door when the door is locked.

Damage Alarm: The alarm will be activated if IN and/or OUT side of a door lock is physically damaged by any other forces.

To turn off Alarm
❶ Enter the registered User Code.
❷ Press the Ⓡ button for 5 seconds.
❸ Enter the registered Fingerprint.

17. Unlocking Door with Fake Code

Palm touch → Enter the user code and fake code → OR → Enter the Fake Code and User code → Palm touch

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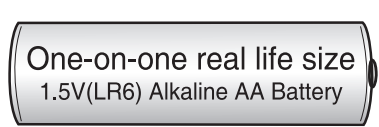
The product uses four 1.5V Alkaline AA batteries. They may sustain 1 year if used 10 times a day. (Users are advised to use authentic Alkaline batteries.)

One-on-one real life size
1.5V(LR6) Alkaline AA Battery

You must replace all 4 batteries in the following cases:
* The Low Battery LED on keypad flickers red.
* When low battery notification message is played.

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE NATIONAL CODE OR RECYCLING PROGRAM.

19. Emergency power supply for discharged batteries

Contact 9V battery → Palm touch → Enter the User Code and Plam touch → OR → Contact Card Key → OR → Swipe fingerprint

20. Resetting Lock to Factory Default

When lock is reset to factory defaults all user codes (including the Master code*)are deleted and all programming features are reset to original default settings(see below).

1. Remove the battery cover and batteries.
2. Remove the interior escutcheon to access the reset pads.
3. The reset pads are located on bottom of the PCB board (See image)
4. While pressing the reset pads with tweezer, reinstall batteries and release reset pads with tweezer.
5. The reset pads are located above of PCB cable connector Upon reset, Master code creation is the only option available and must be performed prior to any other programming of the lock.

Reset Button

Interior Escutcheon
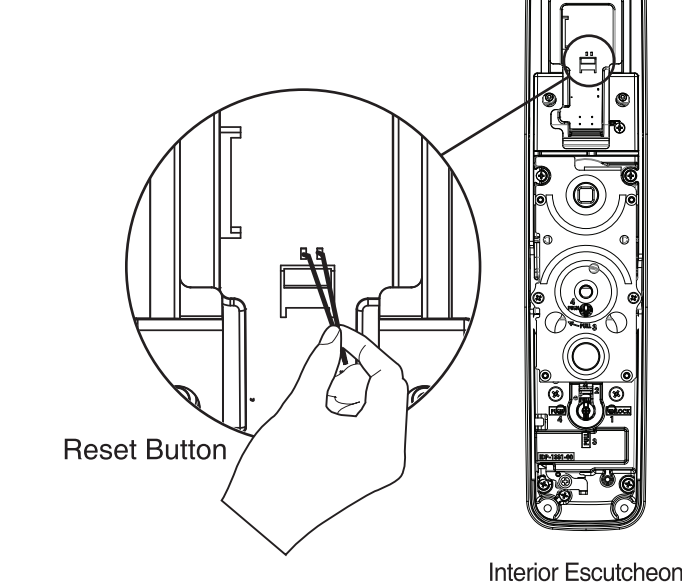
21. Z-Wave or Zigbee Module
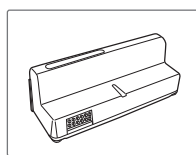
When the module is mounted, it can be used in conjunction with local controller.
The batteries must be removed prior to insert the module.

Installation(module)

❶ Remove battery cover and batteries.
❷ Insert Z-Wave or Zigbee Module.
❸ Reinstall batteries checking -, + terminal.
❹ Check Z-Wave or Zigbee Module is correctly mounted with the sound "DI-RI-RI-RING" and close the battery cover again.

22. Safety and Warning

• Do not install the digital door lock in an outdoor environment.
• Do not attempt to disassemble the digital door lock by your self. By doing so, you may get an electronic shock and damage the product.
• Do not use force with a tool onto the product.
• Make sure to lock the door tight when you go out.
• Be careful not to hit the handle as it may cause injuries.
• Do not use water and any type of solvent to clean the product such as gasoline or benzene as they can cause damage to electronic circuit, deterioration and or paint peel-off.
• It is recommended to change User Code on a regular basis.
• In manual lock mode, make sure to double check whether the door is securely locked.
• When External Forced lock is set and unlock the door, the alarm will be activated.
• Do not use rechargeable batteries. Only alkaline batteries are recommended.
• Make sure to follow the above instructions to avoid any injuries.
• It cannot be guaranteed in a special conditions & environment such as water condensation, seaside.

23. Quick Menu (Master Mode)

Master mode is a mode in which only the administrator can set the door lock and provide access to other users. 30ea user passwords, 40ea card keys, 40ea Fingerprint and individual registration and deletion of one-time passwords enable efficient management of visitors.

Master Code: Change ✳ Continue / Ⓡ Complete

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Change	Ⓜ	Ⓡ	1	#	Ⓜ	#	Ⓜ	#	✳ or Ⓡ					
					New		Again							

User Code UN 01~30

Registration: Ⓜ Ⓡ 2 # 1 # UN # U # ✳ or Ⓡ
Delete: 3 # UN # ✳ or Ⓡ

Finger print Up to 40EA

Registration: Ⓜ Ⓡ 3 # 1 # 1 # UN # 👆# ✳ or Ⓡ (3times)
Delete: 3 # UN # ✳ or Ⓡ

Card Key Up to 40EA (Contact all key one by one)

Registration: Ⓜ Ⓡ 3 # 2 # 1 # UN # ▭ # ✳ or Ⓡ
Delete: 3 # UN # ✳ or Ⓡ

Onetime Code

Registration: Ⓜ Ⓡ 4 # 1 # O # ✳ or Ⓡ
Delete: 3 # Ⓜ # ✳ or Ⓡ

Delete All Credentials

Delete: Ⓜ Ⓡ 5 # Ⓜ # ✳ or Ⓡ

DoorLock Setting: Automatic Lock Setting

Registration: Ⓜ Ⓡ 6 # 2 # 1 # ✳ or Ⓡ
Delete: 3 # ✳ or Ⓡ

DoorLock Setting: Change mode and New PIN Code registration

Change Mode: Ⓜ Ⓡ 6 # 1 # U # U # Ⓡ (New / Again)

DoorLock Setting: Language Setting

Language Setting: Ⓜ Ⓡ 6 # 5 # 1 Korean # ✳ or Ⓡ
2 Chinese # ✳ or Ⓡ
3 English # ✳ or Ⓡ
4 Taiwanese # ✳ or Ⓡ

DoorLock Setting: Volume Setting

High: 1 # ✳ or Ⓡ
Low: Ⓜ Ⓡ 6 # 3 # 2 # ✳ or Ⓡ
Mute: 3 # ✳ or Ⓡ

Remote Control Up to 5EA

Registration: Ⓜ Ⓡ 8 # 8 # 1 # UN # SET button # ✳ or Ⓡ
Delete: 3 # UN # ✳ or Ⓡ

Controller

Registration: Ⓜ Ⓡ 9 # 1 # Con Icon # ✳ or Ⓡ
Delete: 3 # Ⓜ # ✳ or Ⓡ

※ **Voice guidance function**
It provides voice guidance for operation and how to set it up, making it easier and easier to use(When setting up a function, follow the voice guide to prevent incorrect use or input).

※ All registered passwords, card keys, and fingerprints can be deleted at the time of mode change.

※ Please install the network module when using the remote controller or Home network.

24. Code Chart Duplicate if necessary

PIN Code Management(Up to 30 Users.)

User Type	User Name	PIN Code
Master		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		

PIN Code Management(Up to 30 Users.)

User Type	User Name	PIN Code
Master		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
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User ___		
User ___		
User ___		
User ___		

User Guide

YMI70

Card Key / Fingerprint type

ASSA ABLOY

PLEASE READ INSTRUCTIONS BEFORE USE.
The functions and design of this product can be changed without prior notice for performance and quality improvement.

Packaging of this product can be recycled.

WEEE Note:
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check your local authority or retailer for recycling advice.

CE