USER MANUAL

PUSH/PULL SMART LOCK

Facial Recognition
Fingerprint
Password
RFID Card
Emergency Key

REMOTE CONTROL (Optional)
Wi-Fi (Optional)

The default Administrator password is 123456.

Please change to new Administrator password.
For your safety, do not use consecutive or repetitive numbers.

PTMP7682ONTA REV.03

Safety Cautions

- The manual should be read thoroughly before operating the product.
- For security purposes, the password should be changed on a regular basis.
- When the batteries are inserted in reverse positions, it may result in liquid leakage or rupture.
- When the batteries are flat, all the batteries should be replaced.
- Please replace with new batteries, not used ones.
- Do not install, disassemble or repair without the assistance of a product repair technician.
- Use a soft and dry cloth to clean the product.
- Do not press or insert the buttons with awls or pins.
- Do not use the product for any purpose other than a digital door lock.
- Do not let water get into the product.
- This product is for household use, and its normal functioning cannot be guaranteed in any other environment or setting.
- Do not subject the product to any severe impact.

Product Specification

Installation condition	Door thickness	40-70mm
Opening method	Password RFID Card Fingerprint Facial Recognition	4-12 digits up to 4 passwords may be registered. Up to 100 RFID cards may be registered. Up to 100 fingerprints may be registered. Up to 100 face IDs. (Facial recognition Only)
Rated voltage	DC 6V	LR6 1.5V AA alkaline battery
Emergency power supply	DC 9V	9V Battery (6LF22) (sold separately)
Sensing high temperature	Temperature sensor	72°C±5°C (Laboratory environment) 62°C±5°C (General environment)
Material	Outdoor body Indoor body	Al, Zn, PC Zn, PC

The contents of this user guide are subject to change without prior notice in order to enhance the performance of the product.

Deadbolt Alarm

While the deadbolt unlocks/locks the door, if it doesn't fully extend or withdraw, an alarm will sound (3 beeps).

- If the alarm doesn't stop or the product does not function properly, re-adjust the position of the lock so there is no interference of the deadbolt.
- Please contact our customer service if this problem repeats often.

Low Battery Alarm

If the lock operates normally, but sounds an alarm with the low battery LED notification, the batteries need to be replaced. Make sure you replace all 8 batteries at once.

- When the batteries are flat, replace all batteries.
- Do not mix batteries with different manufacturers or brands.

High Temperature Alarm

When the lock senses a high temperature (62℃ ± 5 ℃) with a risk of fire, an alarm will sound in high volume to acknowledge the danger and the door will be automatically unlocked for safe exit.

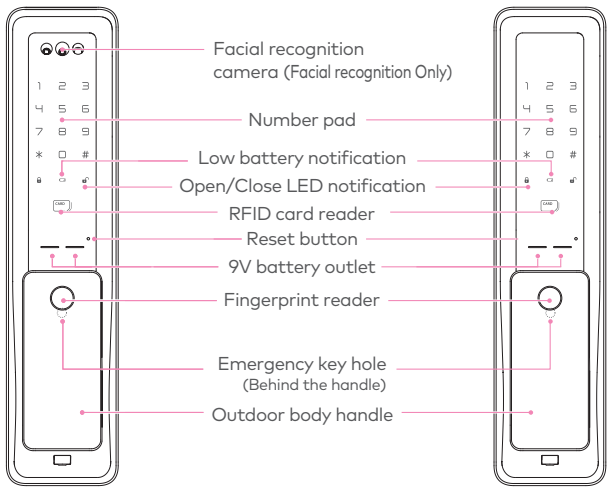
- If the indoor body is exposed to direct sunlight, it may cause the high temperature alarm to go off.
- Even under Forced Lock Mode, the door will automatically unlock.

Prank Alarm and 1-minute Lock Down

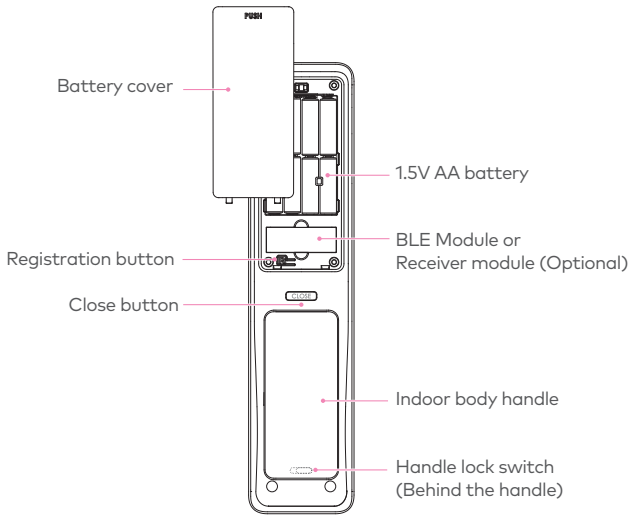
When an unregistered password, RFID card or fingerprint is entered incorrectly 5 consecutive times, the lock will not function for 1 minute and an alarm will sound.

- Try again after the 1 minute lockdown has been disabled.

Names of Individual Parts (Outdoor Body)



Names of Individual Parts (Indoor Body)



Product Components

* The product components may change depending on the installation environment.

RFID Card	Screws	Mortise
User manual	Emergency key	Mortise shaft
Installation manual	Striker	Mortise shaft fixing pin
Drilling guide	Dust box	'AA' Batteries (LR6)

Sold separately

Video door phone module
Remote control / Receiver module
Wi-Fi Module

Enter the Registration Mode

- Not inputting anything for 10 seconds will cancel the authorisation.
- An error will occur if you enter a password with less than 6 digits or more than 12 digits and the authorisation will be cancelled.
- When entering an administrator password, pressing the [*] button will reset the entry.
- Pressing the [#] button without any entry or pressing the [Register] button during authorisation will cancel the authorisation.

Authorise with an Adminstrator Password

1. Press the [Register] button
2. Input an administrator password
3. Press the [#] button

R | Admin Password | #

Authorise with an Adminstrator RFID Card

1. Press the [Register] button
2. Put an administrator RFID card on the reader

R | CARD

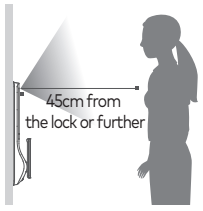
*** Default password : 123456**

For all settings such as changing the password or registration of the card/fingerprint and deletion of any authorisation, you must enter "Master Mode" first and follow the next step.
The initial master mode is set to "R Button Input - Initial Password (123456) - #".
Please change the administrator password and register the administrator card to set the master mode before using it.

How to Register 3D Facial Recognition

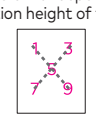
• Facial recognition Only

Ensure the door is open when registering /changing the password.



The recognisable distance is between 45-100cm and the recognisable height is between 120-190cm.
* The height could differ depending on the installation height of the lock.


Registration Complete


Registration Failed

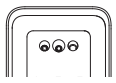
1. Enter the **Registration Mode**

R | Admin Password | #
or
R | CARD

2. Press the [6] button on the keypad.

6

3. Press the [*] button and look into the camera directly and wait until registration is complete.

* > 
Facial recognition camera

- To register further, press the [6] button before the keypad LED turns off.
- Press the [#] button to end registration.

When face ID is registered, the saved address will be notified on the keypad (1 ~ 100).

- 100 face IDs can be registered.
- Existing face IDs won't be deleted when additional face IDs are registered.
- Do not wear a mask, hat, sunglasses or eye patch during registration.
- Make sure to look into the camera and not blink or change expression.
- Identical twins or people with very similar appearance could be recognized and cause the door to unlock.

Open with Facial Recognition

• Facial recognition Only




Standby mode
(Illuminates clockwise)

IR Sensor Enabled

1. When someone approaches near to the lock within 80cm, the IR sensor detects this and will go into facial recognition standby mode.
2. Under facial recognition standby mode, when the face is between 45-100cm, the lock will unlock when a registered face ID is scanned.

IR Sensor Disabled

Touch the keypad to enter facial recognition standby mode.
After entering standby mode, scan face ID to unlock.

- Facial recognition and IR sensor will operate while the door is locked.
- IR sensor will work again 1-3 seconds after the green lock icon is turned off.
- Under facial recognition standby mode, IR sensor will be turned back off if there are no attempts of facial recognition for 5 seconds.
- When part of the face is blocked with a mask, hat, sunglasses or eye patch, recognition will fail.

IR Sensor Settings

1. Touch the keypad and check whether the LED is turned on



2. Enter password

Admin Password

3. Press the [*] button and press the [2] button

* | 2
2 times

4. Press desired settings as below
[1] Enabled
[2] Disabled
[#] End

1 Enabled | 2 Disabled | # End

- Default setting of the IR sensor is standard strength.
- If there are a lot of people passing by the lock, it is recommended to disable the IR sensor.

Register Password

Change Administrator Password * Default password: 123456

1. Enter the **Registration Mode**

R | Admin Password | #
or
R | CARD

2. Press the [0] button

0

3. Enter a 6 to 12 digit administrator password, and press the [#] button

Admin Password (6-12 digits) | #

- **The Administrator password cannot be identical to an existing user/one-time password.**
- **Make sure to register a password while the door is open.**

Register a User Password

1. Enter the **Registration Mode**

R | Admin Password | #
or
R | CARD

2. Press the [1] button

1

3. Enter a 4 to 12 digit user password, and press the [#] button

User Password (4-12 digits) | #

- Repeating step 3 before the keypad lamp turns off will register another user password. (Up to four passwords can be registered.)
- **The User Password cannot be identical to an existing administrator/one-time password.**

Register a User Password with an Address

1. Enter the **Registration Mode**
2. 1
3. Address (1-4)
4. #
5. User Password (4-12 digits)
6. #

- Repeating steps 2 and 3 before the keypad lamp turns off will register another user password. (Up to four passwords can be registered)
- **The User Passoword cannot be identical to an existing administrator/one-time password.**

Register a One-time Password

1. Enter the **Registration Mode**
2. 4
3. One-time Password (6 digit)
4. #

- **The One-time password cannot be identical to an existing administrator/user password.**
- **The One-time password will become invalid after using it to open the door.**

- Not inputting anything for 10 seconds will cancel the registration.
- When entering an administrator, a user or a one-time password, pressing the [*] button will reset the entry.
- Pressing the [#] button without any entry or pressing the [Register] button during authorisation will cancel the authorisation.

Register a Administrator RFID Card

Make sure to register an RFID card while the door is open.

Register an Administrator RFID Card

1. Enter the **Registration Mode**
2. 0
3. CARD

- Repeating step 3 before the keypad lamp turns off will register another administrator RFID card. (Up to 10 RFID cards can be registered)
- **The Administrator RFID card cannot be identical to a user RFID card.**

Register an Administrator RFID Card with an address

1. Enter the **Registration Mode**
2. 0
3. Address (1-10)
4. #
5. CARD

- Repeating steps 2 and 3 before the keypad lamp turns off will register another administrator RFID card. (Up to 10 RFID cards can be registered)
- **The Administrator RFID card cannot be identical to a user RFID card.**

Register a User RFID Card

1. Enter the **Registration Mode**
2. 2
3. CARD

- Repeating steps 2 and 3 before the keypad lamp turns off will register another administrator RFID card. (Up to 100 RFID cards may be registered)
- **The User RFID card cannot be identical to an administrator RFID card.**

Register a User RFID Card with an Address

1. Enter the **Registration Mode**
2. 2
3. Address (1-100)
4. #
5. CARD

- Repeating steps 2 and 3 before the keypad lamp turns off will register another user RFID card. (Up to 100 RFID cards may be registered)
- **The User RFID card cannot be identical to an administrator RFID card.**

- Not inputting anything for 10 seconds will cancel the registration.
- Pressing the [#] button without any entry or pressing the [Register] button during authorisation will cancel the authorisation .

Fingerprint Registration

1. Enter the **Registration Mode** 2. 3 3. fingerprint 3 times 4. #

- If you repeat the first 2 steps before the 3rd, an additional user fingerprint will be registered. (Up to 100 can be registered)
- You cannot register the same fingerprint twice.

- Registration will be cancelled if there is no input for 10 seconds.
- If you do not press the [*] button or the [Register] button during the registration process, registration will be cancelled.

Register Fingerprint with an Address

1. Enter the **Registration Mode** 2. 3 3. Address (1-100) 4. # 5. fingerprint 3 times 6. #

. Up to 100 fingerprints can be registered.

Enter the Deletion Mode

Authorise with an Administrator Password

1. Press the [Register] button for 3 seconds
2. Input an administrator password
3. Press the [#] button

R Admin Password # (for 3 seconds)

Authorise with an Administrator RFID Card

1. Press the [Register] button for 3 seconds
2. Put an administrator RFID card on the reader

R CARD (for 3 seconds)

- Not inputting anything for 10 seconds will cancel the authorisation.
- An error will occur if you enter a password with less than 6 digits or more than 12 digits and the authorisation will be cancelled.
- When entering an administrator password, pressing the [*]button will reset the entry.
- Pressing the [#]button without any entry or pressing the [Register] button during authorisation will cancel the authorisation.

How to Delete Facial Recognition

· Facial recognition Only

Delete Individually

1. Enter the **Deletion Mode** 2. 6 3. Face ID address (1-100) 4. *

Delete all Face IDs

1. Enter the **Deletion Mode** 2. 6 3. # 3 seconds

Delete a Password

1. Enter the **Deletion Mode** 2. 1 3. Address (1-4) 4. *

Delete all User Passwords

1. Enter the **Deletion Mode** 2. 1 3. # 3 seconds

Opening the Door From Outside (With RFID Card)

Automatic Detection Mode

Tag the registered RFID card against the reader.

CARD

Manual Detection Mode

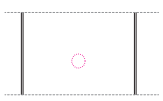
Touch the number pad and when the light on the number pad lights up, tag the RFID card reader with a registered RFID card.

1 2 3 4 5 6 7 8 9 0 CARD

- Press the [#] button before scanning the RFID card to enter silently.
- Default setting is automatic detection mode.

Opening the Door From Outside (Emergency Key)

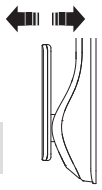
Use the emergency key behind the outdoor body handle and turn right/left to unlock the door.



Opening the Door From Inside

Open the door by pulling/pushing the inside handle depending on the opening method.

PULL Setting mode



PUSH Setting mode

- If the door is not opened after unlocking the door, it will automatically re-lock within 7 seconds.

Locking the Door From Outside

Automatic Lock Mode

When the door is closed, it will automatically lock within 2 seconds.

Manual Lock Mode

Touch the number pad and press the [#] button. Then the door will be locked.

1 2 3 4 5 6 7 8 9 0 #

- Default setting is Automatic Lock Mode.

Locking the Door From Inside

Automatic Lock Mode

When the door is closed, it will automatically lock within 2 seconds.

Manual Lock Mode

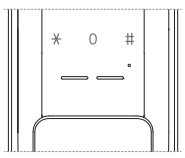
Press the [Close] button on the indoor body in order to lock the door.

CLOSE

How to use Emergency Battery

When the batteries are completely flat and the lock doesn't function, use a 9V battery for emergency entry.

1. Place the 9V battery against the 9V battery outlet.
2. Touch the number pad and then enter the password. (Touch the number pad only when the number pad is not lit.)
3. Press the [*] button and with a beep sound, the door lock will be unlocked.



Delete a One-time Password

1. Enter the **Deletion Mode** 2. 4 3. *

Delete a RFID Card

Delete an administrator RFID card with an address

1. Enter the **Deletion Mode** 2. 0 3. Address (1-10) 4. *

Delete an Administrator RFID Card

1. Enter the **Deletion Mode** 2. 0 3. CARD

Delete all Administrator RFID Cards

1. Enter the **Deletion Mode** 2. 0 3. # 3 seconds

Delete a User RFID Card with an Address

1. Enter the **Deletion Mode** 2. 2 3. Address (1-100) 4. *

Delete a User RFID Card

1. Enter the **Deletion Mode** 2. 2 3. CARD

Delete all User RFID Cards

1. Enter the **Deletion Mode** 2. 2 3. # 3 seconds

Delete all Fingerprints

1. Enter the **Deletion Mode** 2. 3 3. # 3 seconds

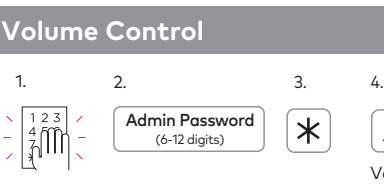
Individual Deletion of Fingerprints

1. Enter the **Deletion Mode** 2. 3 3. Address (1-100) 4. *

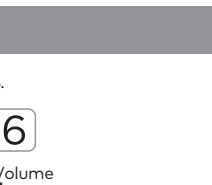
Safety Handle Function

This function will prevent accidentally opening the door from the inside.

Enabled Disabled



(Green) (Red)



Automatic/Manual Detection with RFID Card

1. 2. Admin Password (6-12 digits) 3. * 4. * 5. 1 or 5. 3

Automatic Detection **Manual Detection**

- Auto detection mode is set by default.
- In the manual detection mode, touching the keypad with a hand and putting the RFID card on the reader will open the door.

Automatic/Manual Lock Mode

1. 2. Admin Password (6-12 digits) 3. * 4. * 5. 4 or 5. 7

Auto lock **Manual lock**

Manual Lock Mode (with [#] button)

1. 2. Admin Password (6-12 digits) 3. * 4. * 5. 8 or 5. 9

[#] button **Disable** [#] button **Enable**

- Auto lock mode is set by default.
- In the initial setting of the manual lock mode, the [#] button is not enabled.
- In auto lock mode, the door will automatically lock in 2 seconds after it is closed.
- The door will not be automatically locked in manual lock mode.

Volume Control

1. 2. Admin Password (6-12 digits) 3. * 4. 3 or 4. 6

Volume **up** Volume **down**

- The volume can be adjusted to 7 levels.

Door Unlock Alarm

1. 2. Admin Password (6-12 digits) 3. * 4. 2 or 4. 0

Enable **Disable**

- Door unlock alarm is not enabled by default.
- In the door unlock alarm mode, the alarm will go off if the door is not locked, and the display will blink for one minute.

Delete Fingerprints and Address

1. Enter the **Deletion Mode** 2. 3 3. Address (1-100) 4. *

Virtual Number Function

1. 2. Admin Password (6-12 digits) 3. * 4. * 5. 0

- By default, virtual number function is activated.

Double Authorisation Mode

1. 2. Admin Password (6-12 digits) 3. * 4. 5 or 5. 8

Enable **Disable**

- Double Authorisation is not enabled by default.

Open the Door From Outside with a Password

In General Authorisation Mode

1. 2. Password 3. #

- administrator password
- user password
- one-time password

- If you enter the [*] button before step 2, the door will be opened silently.
- A series of virtual numbers can be entered before or after step 2 while the virtual number function is activated for opening the door.

In Double Authorisation Mode

1. 2. Password 3. or CARD 4. #

- administrator password
- user password
- one-time password

- One-time password does not work under double authorisation mode.
- When the RFID card is not registered, double authorisation mode does not work. (Normal authorisation will be applied even if double authorisation is enabled.)
- Not inputting anything for 10 seconds will cancel the authorisation.
- Virtual number function can be used in order not to expose your passwords. (However, the length of the password plus the virtual number cannot exceed 21 digits, or it will result in an error.)
- 5 attempts are allowed before the authorisation gets suspended for one minute. After that, you may try again.
- The Guest password will become invalid after using it to open the door.
- When the virtual number function is set and the virtual number (random number) is entered before or after the password, the door will open.

Opening the Door From Outside (With Fingerprint)

Scan the registered fingerprint against the reader.

How to Connect Wi-Fi Module

1. Enter the **Registration Mode** 2. 7 3. Enter into the module registration mode and complete the registration from APP.

Delete Entire Wi-Fi Module

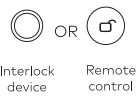
1. Enter the **Deletion Mode** 2. 7 3. *

Interlock/Remote Control

. The interlock/remote is sold separately

Register an Interlock/Remote Control

1. Enter the **Registration Mode** 2. Press the [OPEN] button 3. #



. Repeating steps 2 before step 3 will register another interlock / remote control. (Up to 5 devices may be registered.)

Delete an Interlock / Remote Control

1. Enter the **Deletion Mode** 2. 5 3. *

. Registering a new device will automatically delete the one registered before.

Troubleshooting

Problem	Solution
Product does not turn on.	Please check the direction the batteries are inserted and check polarity marking. Replace all of the batteries (alkaline). Check the battery status and/or the whether the battery is flat.
Password cannot be changed.	Touch the [Registration] button (short beep sound). Refer to How to Register and/or Change Password in the user manual.
Door does not open even after entering the password with the [#] button touched.	Check whether the password is entered correctly. If the key pad lights are out while entering the password, the buttons cannot be touched. Touch the number pad once again to light it and then enter the password once again.
Registered information can be verified with the password/RFID cards but the door does not open.	Use a 9V emergency battery (square battery) for one more attempt. The locking device may be one of the major causes of this issue; contact the service centre for assistance.
When being used, the product keeps making beeping sounds.	The alarm sound signals battery replacement. When there a beeping sound, replace all the batteries (alkaline) with new ones.
Door does not lock automatically.	Please reset to Auto Mode. When the batteries are flat, the product will make sounds but will not function. Please replace all 4 batteries (alkaline).