USER MANUAL

GLASS DOOR LOCK

Fingerprint
Password
REMOTE CONTROL (Optional)
Bluetooth (BLE) (Optional)

The default Administrator password is 123456.

Please change it to a new administrator password. For your safety, do not use consecutive or repeated numbers.

PTSP5960ONTA REV.01

Safety Cautions

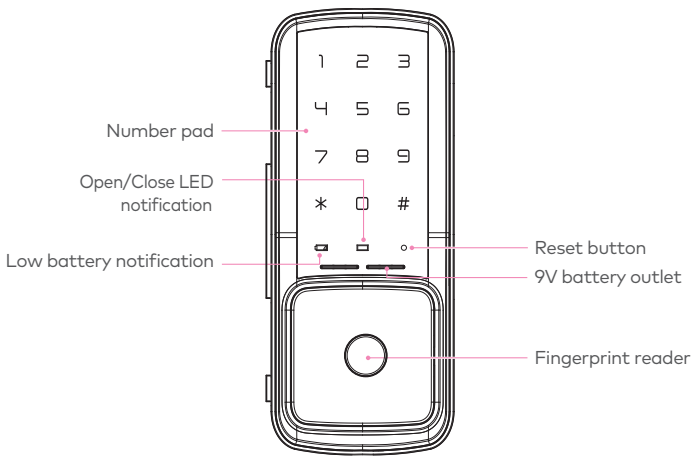
· The manual should be read thoroughly before operating the product.
· For security, the password should be changed on a regular basis.
· Inserting the batteries backwards may result in liquid leakage or rupture.
· When the batteries are empty, all the batteries should be replaced.
· Please replace them 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 settings.
· Do not subject the product to any severe impact.

Product Specification

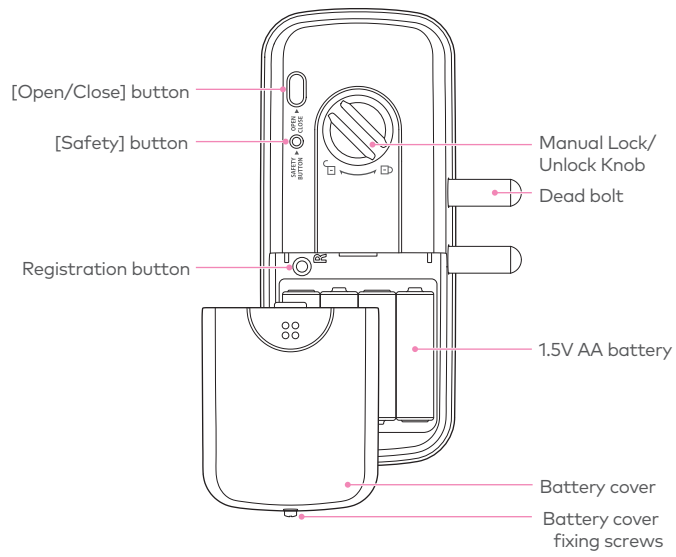
Installation condition	Door thickness	10~12mm
Opening method	Password Fingerprint	Four passwords of 4~12 digits may be registered. Up to 50 fingerprints may be registered.
Rated voltage	DC 6V	LR6 1.5V AA alkaline battery
Emergency power supply	DC 9V	9V Battery (6LF22) (sold separately)
Sensing high temperature	Temperature sensor	72°C±10°C (Laboratory environment) 62°C±10°C (General environment)
Material	Outdoor body Indoor body	ZN, ABS, PC ZN, ABS, PC

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

Names of Individual Parts (Outdoor Body)



Names of Individual Parts (Indoor Body)



Product Components

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

User manual	Drilling guide (*Installation manual)
Striker	'AA' batteries (LR6)
Screws	

Sold separately

Smart bridge	Remote control/receiver module
BLE module	Video door phone module

Enter Registration Mode

Authorize with an administrator password

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

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

How to Register / Change a Password

Make sure to register the password while the door is open.

Change the administrator password

1. Enter registration mode. — Registration mode
2. Press the [0] button. — 0
3. Enter a 6 to 12 digit administrator password, then press the [#] button. — Administrator Password ▸ #

· Default Administrator password: 123456
· The administrator password cannot be identical to an existing user/one-time password.

Register a user password

1. Enter registration mode. — Registration mode
2. Press the [1] button. — 1
3. Enter a 4 to 12 digit user password, then press the [#] button. — User Password ▸ #

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

Register a user password with an address

1. Enter registration mode and press the [1] button. — Registration mode ▸ 1
2. Select and press an address among1~4, then press the [#] button. — 1~4 ▸ #
3. Enter a 4-to 12-digit user password, then press the [#] button. — Password ▸ #

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

Register a One-time password

1. Enter registration mode. — Registration mode
2. Press the [4] button. — 4
3. Enter a 6-digit one-time password, then press the [#] button. — One-time Password ▸ #

· The one-time password cannot be identical to an existing user/administrator password.
· The one-time password will be come invalid after using it to open the door.

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

How to Register Fingerprints

Register a fingerprint

1. Enter registration mode and press the [3] button. — Registration mode ▸ 3
2. Touch the fingerprint eight times to register it in the fingerprint module. — 8 times.
3. Press the [#] button. — #

Touching the fingerprint sensor enters automatic registration mode.

· Repeating steps 2 and 3 before the keypad lamp turns off will register another user fingerprint. (Up to 50 fingerprints can be registered.)
· Registration will be cancelled if there is no input for 10 seconds.
· If you do not press the [*] button or [Register] button during the registration process, registration will be cancelled.
· Please use different angles to scan the fingerprint each time when registering a fingerprint in order to register it more accurately.

Register a user Fingerprint with an address

1. Enter registration mode and press the [3] button. — Registration mode ▸ 3
2. Input an address to be registered (1~50), then press the [#] button. — #
3. Touch the fingerprint eight times to register it in the fingerprint module, then press the [#] button. — 8 times. ▸ #

· Repeating steps 2 and 3 before the keypad lamp turns off will register another user fingerprint. (Up to 50 fingerprints can be registered.)
· The registration will be automatically finished after 50 fingerprints are registered, and you will not be able to enter into registration mode if 50 fingerprints have been registered.

Enter Deletion Mode

Authorize with an administrator password

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

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

How to Delete a Password

Delete a user password

1. Enter deletion mode. — Deletion mode
2. Press the [1] button and input the address (1~4) to be deleted. — 1 ▸ 1~4
3. Press the [*] button. — *

Delete all user passwords

1. Enter deletion mode. — Deletion mode
2. Press the [1] button . — 1
3. Press the [#] button for three seconds. — # 3 seconds.

Delete a One-time password

1. Enter deletion mode. — Deletion mode
2. Press the [4] button . — 4
3. Press the [*] button. — *

How to Delete Fingerprint

Delete a fingerprint with an address

1. Enter deletion mode. 2. Press the [3] button and input the address (1~50) to be deleted. 3. Press the [∗] button.

Deletion mode ▸ 3 ▸ 1~50 ▸ ∗

Delete all fingerprints

1. Enter deletion mode. 2. Press the [3] button. 3. Press the [#] button for three seconds.

Deletion mode ▸ 3 ▸ # (3 seconds.)

Opening the Door From Outside (With a Password)

In General authorization mode

1. Touch the number pad.
2. Enter the administrator/user password. (Password)
3. Press the [#] button and it will unlock with a beep sound. (#)

· If you press the [*] button before step 2, the door will open silently.

In Double authorization mode

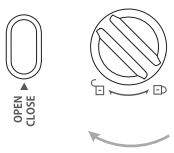
1. Touch the keypad with a hand.
2. Enter the user password. (Password)
3. Touch the user fingerprint after pressing the [#] button. (# ●)

· The one-time password does not work under double authentication mode.

Opening the Door From Inside

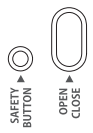
Normal Mode Settings

While door is closed Press the [Open/Close] button or open the door is using Manual Lock/Unlock Knob.



Safe Mode Settings

1. Press [Safety] button.
2. Press [Open/Close] button within 1 second.



Forced Lock Function (Outside Double Lock)

This function prevents opening from inside with [Open/Close] button.

Activate

1. With the door locked touch the number pad.
2. Enter password between 4~12 digits and press [*] button.
3. Press [0] button.

Deactivate

Opening the door with the manual thumbturn, a fingerprint, or a password can deactivate the double lock function.

Normal Mode / Safety Mode

Default setting: Normal Mode

Safety Mode is a function that enhances security.

Outside

Normal Mode: Touch the number pad ▸ Administrator Password ▸ ∗ (2 times.) ▸ 3

Safety Mode: Touch the number pad ▸ Administrator Password ▸ ∗ (2 times.) ▸ 6

Inside

Normal Mode: Unlock the door with press [Open/Close] button.

Safety Mode: Unlock the door following below.

1. Press the [Safety] button. 2. Press the [Open/Close] button within one second.

Volume Control

8 Levels

Volume can be adjusted when the door is locked.

To Increase: Touch the number pad ▸ Administrator Password ▸ ∗ ▸ 3

To Decrease: Touch the number pad ▸ Administrator Password ▸ ∗ ▸ 6

Double authorization Function

Activate: Touch the number pad ▸ Administrator Password ▸ ∗ ▸ 5

Deactivate: Touch the number pad ▸ Administrator Password ▸ ∗ ▸ 8

How to use Emergency Battery

When the batteries are completely dead and the lock doesn't function, prepare 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 product will be unlocked.

Opening the Door From Outside (With a Fingerprint)

Touch the registered fingerprint on the reader.

·To open the door silently, touch the keypad and press [#] before touch the fingerprint.

Locking the Door From Outside

Automatic Lock Mode

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

Manual Lock Mode

Method 1
Touch the number pad.

Method 2
Pressing the [#] button after Touch the number pad.

· Please check the Automatic/Manual Lock Mode setting.
· Default setting : Manual Lock Mode

Locking the Door From Inside

Normal Mode Settings

Automatic Lock Mode
When the door is closed, it will automatically lock within two seconds.

Manual Lock Mode
Press the [Open/Close] button on the indoor body in order to lock the door.

Safe Mode Settings

1. Press [Safety] button.
2. Press [Open/Close] button within 1 second.
3. Turn the manual thumbturn towards [🔒] to lock.

Forced Lock Function (Inside Double Lock)

This function prevents opening from the outside with any kind of authentication methods.

Activate

While door is closed, press the [Open/Close] button for three seconds. When the confirmation tone is heard, setting is complete.

OPEN CLOSE ▸ ( ) ~ 3 seconds.

Deactivate

1. Press the [Open/close] button on the inside ofthe door and the door will open.
2. Turn the manual thumbturn towards [🔓] to unlock.

How to Connect the BLE module (Optional)

1. Connect the BLE module into the socket.
2. Install the APP, [Smart Solity] on your phone and follow the instructions on it accordingly.



· Go to Google Play store or APP Store to download [Smart Solity App].

· The BLE module has tobe separately purchased.
· Please refer to the registration guide provided in the APP.

How to Delete the BLE module (Optional)

1. Enter deletion mode. 2. Press the [7] button. 3. Press the [*] button and the BLE module will be initialized with a beep.

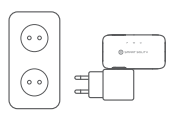
Deletion mode ▸ 7 ▸ ∗

· Use this function when you have lost or changed your phone and are unable to delete through the APP.

How to Connect with the Smart Bridge (Optional)

When the Smart Bridge is connected, the Smart Solity app can be utilized remotely, such as from your office or evenabroad.

1. Assemblethe SmartBridge withthe adapter and plug it intothe poweroutlet.



2. Run [Smart Solity App] and select the function settings.



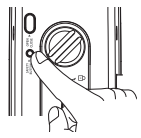
3. Press Connect Smart Bridge and follow the instructions accordingly.

· Plug in the Smart Bridge close to the door lock.
· The BLE module and Smart Bridge are sold separately.
· Please refer to the Smart Solity APP for how to reset.

Doorbell Settings

This is a function that rings the door bell when the door is opened under manual lock mode.

Touch the number pad, enter password press [safety] button for 3 seconds.



The doorbell has a melody for "For Elise."
The doorbell does not ring when the auto-lock function is set.

Doorbell Volume Control

To Decrease: Touch the number pad ▸ Administrator Password ▸ ∗ (2 times.) ▸ 7

To Increase: Touch the number pad ▸ Administrator Password ▸ ∗ (2 times.) ▸ 9

Automatic/Manual Lock Mode

This function will allow you to automatically/manually lock the door.

Automatic Lock Mode: Touch the number pad ▸ Administrator Password ▸ ∗ ▸ 4

Manual Lock Mode: Touch the number pad ▸ Administrator Password ▸ ∗ ▸ 7

· The default setting is automatic lock mode.
· In automatic lock mode, the door will automatically lock within two seconds after it is closed.
· In manual lock mode, the door will not lock,even if it is closed. You need to either press the [Close] button or touch the number pad and press the [#] button to lock it.

Lock the Door (Manual Lock mode)

Disable the [#] button: Touch the number pad ▸ Administrator Password ▸ ∗ (2 times.) ▸ 8

Enable the [#] button: Touch the number pad ▸ Administrator Password ▸ ∗ (2 times.) ▸ 2

· Default setting: Lock with touching keypad
· In automatic lock mode, the door will automatically lock within 2 seconds after it is closed.
· In Manual lock mode, the door will lock when press [Open/Close] button inside / touch Keypad or Press [#] button outside.

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 four batteries together.

· When the batteries are dead, all of them need to be replaced.
· Do not mix batteries with different manufacturers orbrands.

Deadbolt Alarm

When the deadbolt unlocks/locks the door,if it doesn't fully extendor with draw, an alarm will sound (three 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 your nearest customer service center if this problem repeats often.

Break-in Alarm

If the door is locked and the product senses any sign of abnormal attempts to open it with force, the alarm will go off with the sound reaching 80 dB.

How to deactivate the break-in alarm

Remove the batteries, enter the password, touch the your fingerprint.

High Temperature Alarm

When the lock senses a high temperature (62℃ ± 10 ℃) with a risk of fire, an alarm will sound at a high volume to warn of 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 alarmto go off.
· Even under forced lock mode, the door will automatically unlock.

Prank Alarm and One-minute Lock Down

When an unregistered password or fingerprint is entered five consecutive times, the lock will not function for one minuteand an alarm will sound.

·Try again after the one-minute lockdown has been disabled.

Troubleshooting

Problem	Solution
Product does not turn on.	Please check the direction the batteries are inserted and check the polarity marking. Replace all of the batteries (alkaline). Check the battery status and/or whether the batteries are dead.
Password can not be changed.	Touch the [Registration] button with a short beep sound. Refer to How to Register and /Changea Password in the usermanual.
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 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 center 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 dead, the product will make sounds but will not function. Please replace all four batteries (alkaline).