



The safety you have dreamed of,
The style you have desired.

MANUAL

User Guide / Installation Instruction

GT5BK • GT5K



User Manual



Installation Video

Thank you for purchasing our products.
Please review this manual thoroughly before operating your device.
Actual product may vary due to product upgrade.

Call : 800-526-0943 / Email : support@smartlocksolity.com

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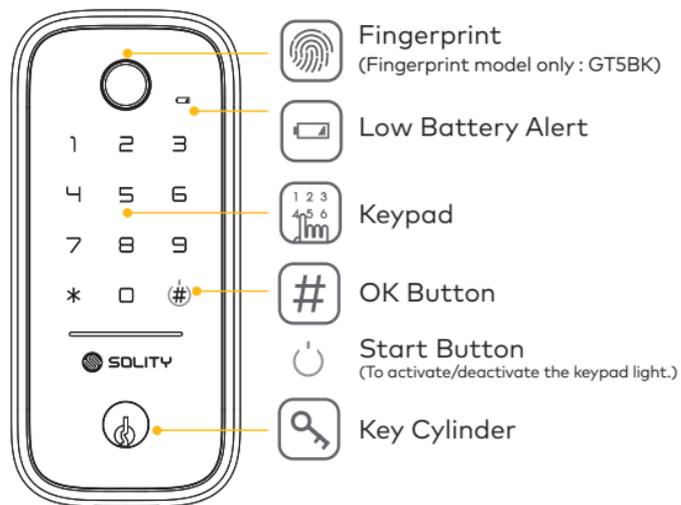
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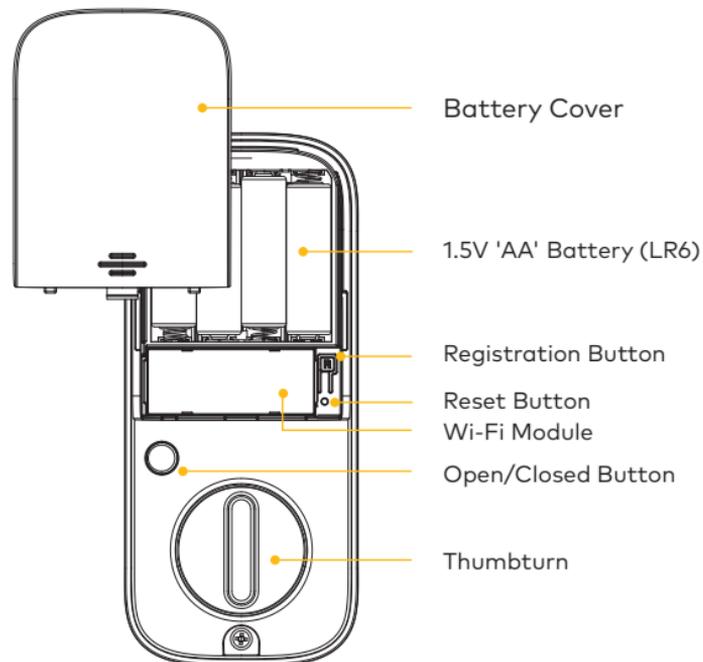
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Product overview

Exterior



Interior



Exterior



x4



5 Screw FH T/S 4 x 20mm
(Deadbolt, Strike Plate, Mounting Plate Screws)

1 Mechanical Key

2 Exterior Assembly

3 Dust Box

4 Strike Plate

5 Screw FH T/S 4 x 20mm
(Deadbolt, Strike Plate, Mounting Plate Screws)

6 Deadbolt

Door

Hole



x2



7 Rubber Pad Back

8 Mounting Plate

9 Screw M6 M6 1-13/16", 2-1/4"
(Mounting Plate Screws)

10 Interior Assembly

11 Screw PH M4 x 8mm
(Interior Assembly Screws)

12 Wi-Fi Module

13 Battery Cover

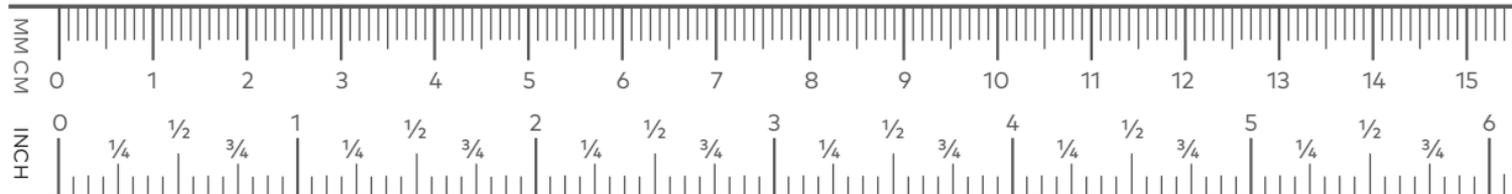
Interior



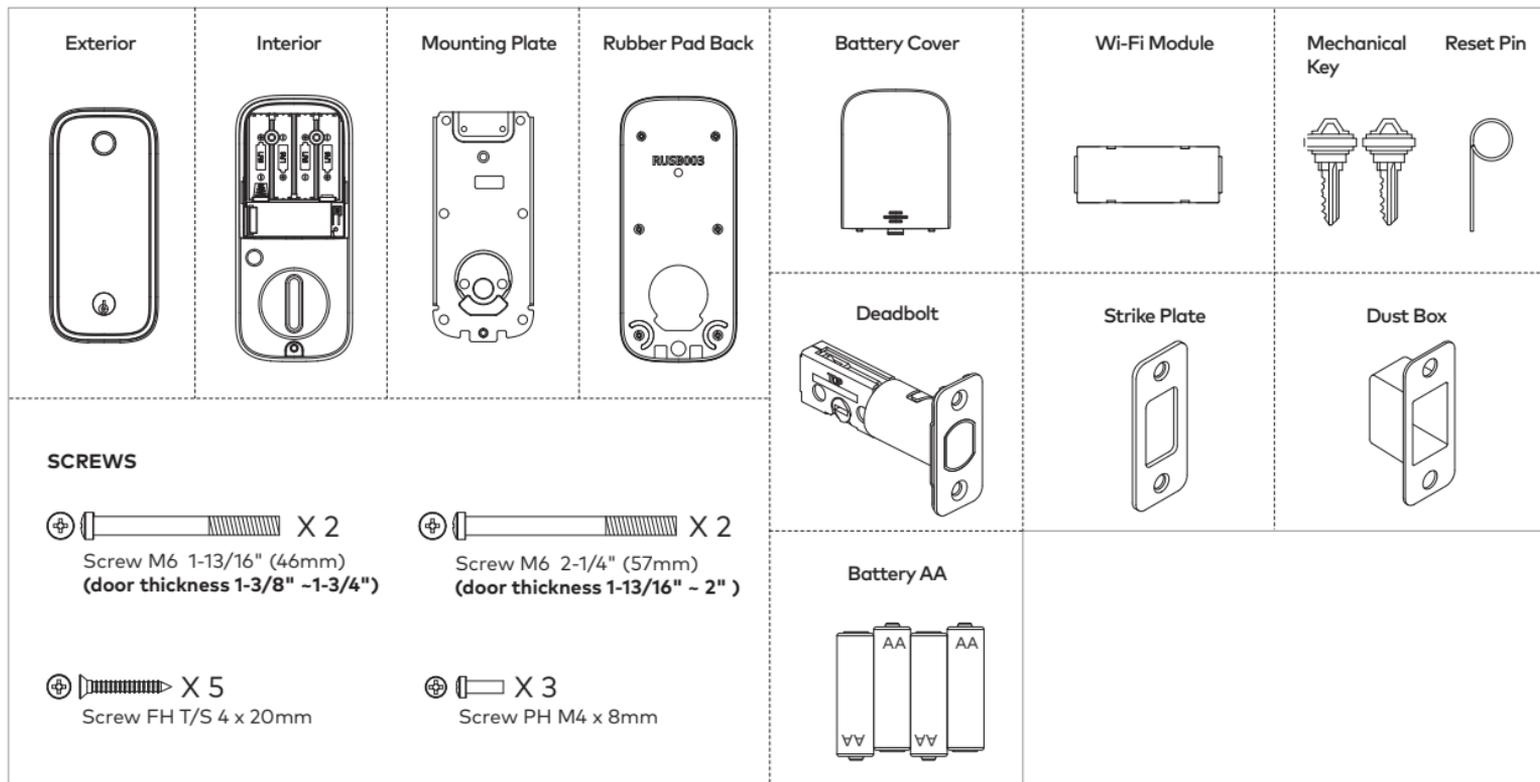
x3



1" = 25.4mm

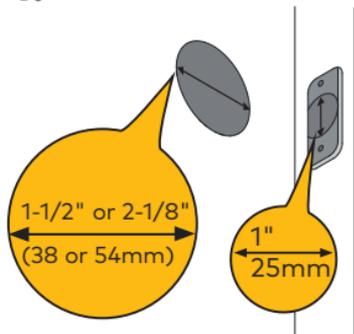


Part Identification



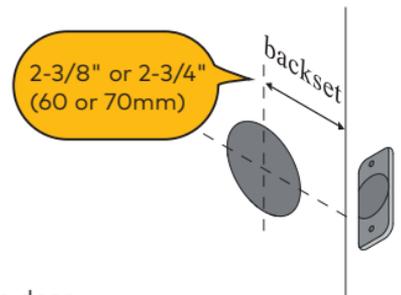
Prepare the door and Check dimensions

1.



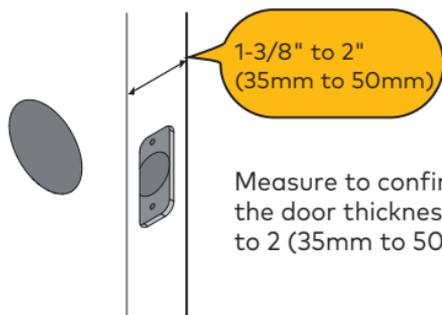
Measure the hole on the door to confirm it is either 1-1/2" (38mm) or 2-1/8" (54mm) in diameter. Measure the hole in the door edge to confirm it is 1" (25mm) in diameter.

2.



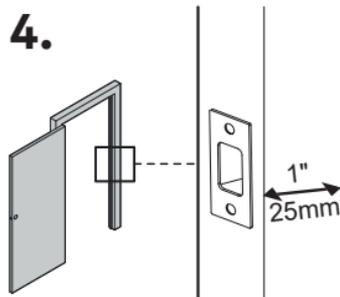
Measure to ensure the door backset is either 2-3/8" (60mm) or 2-3/4" (70mm).

3.



Measure to confirm the door thickness is 1-3/8" to 2" (35mm to 50mm).

4.



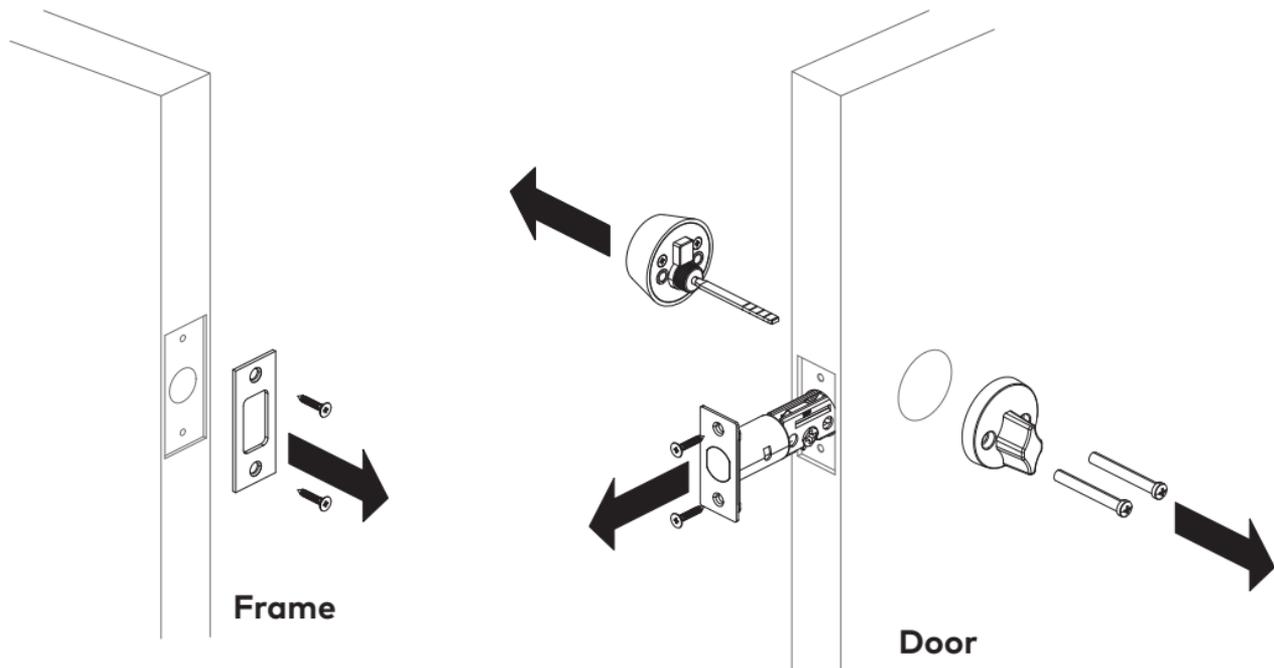
Ensure the hole in the door frame is at least 1" (25mm) deep to allow sufficient space for the latch to fully extend into the door frame when the door is closed.

⚠ Ensure the door frame is properly aligned with the door and that there are no obstructions in the door frame.

Step 1

Remove Existing Deadbolt

! Remove the old deadbolt as shown. Retain it until the new lock is successfully installed.

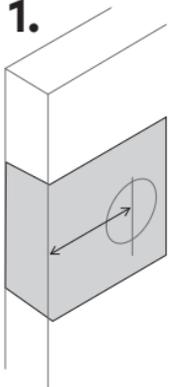


Step 2

Check door backset and Adjust deadbolt

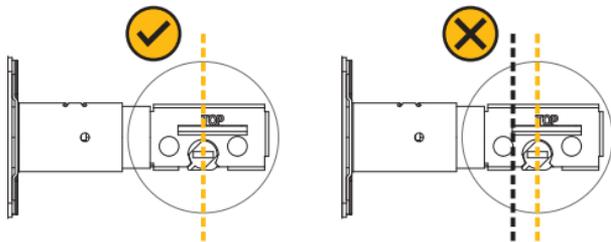
! Before starting, ensure the deadbolt is unlocked.

1.



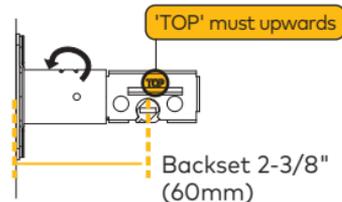
Deadbolt Backset Adjustment

The backset is the distance from the edge of the door to the center of the hole in the door. The latch features an adjustable design that can accommodate either a 2-3/8" (60mm) or 2-3/4" (70mm) backset.



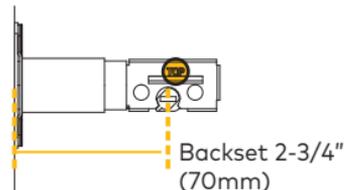
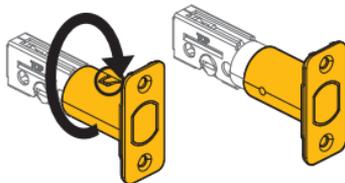
2.

If the backset of your door 2-3/8" (60mm), no need to adjust the latch.



3.

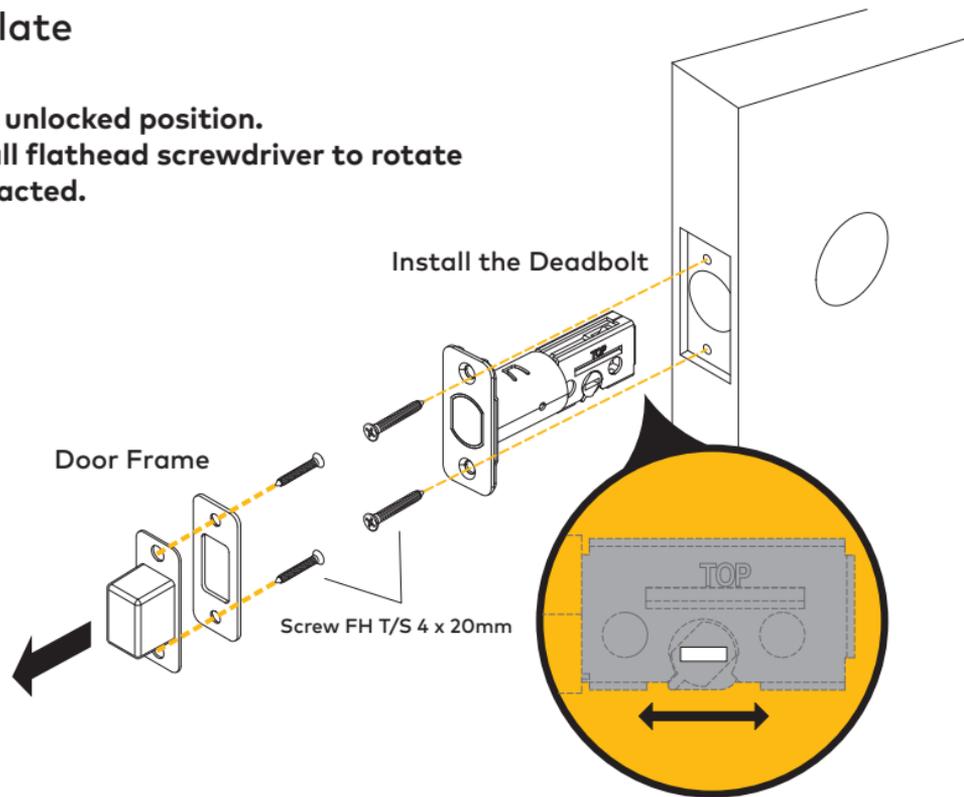
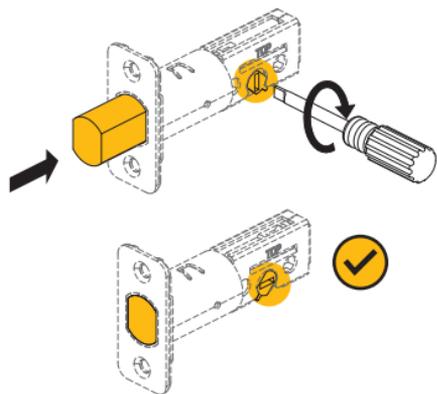
If your door has a 2-3/4" (70mm) backset, please adjust the latch accordingly. To adjust to a 70mm backset, twist the neck of the latch while holding the latch body.



Step 3

Install Deadbolt and Strike Plate

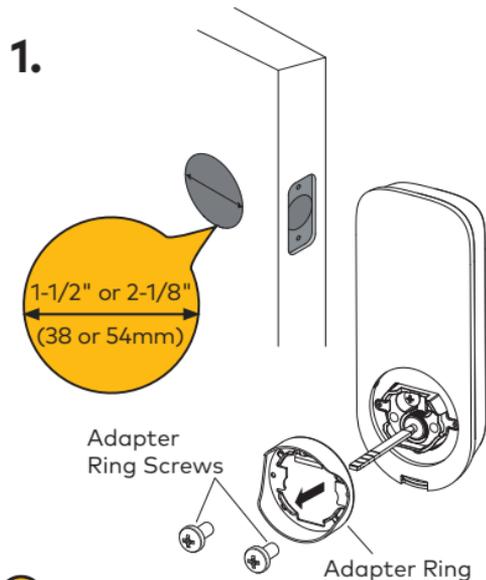
- ⚠ The deadbolt latch must be in the unlocked position. If the latch is extended, use a small flathead screwdriver to rotate the slot until the latch is fully retracted.



Step 4

Install Exterior Assembly

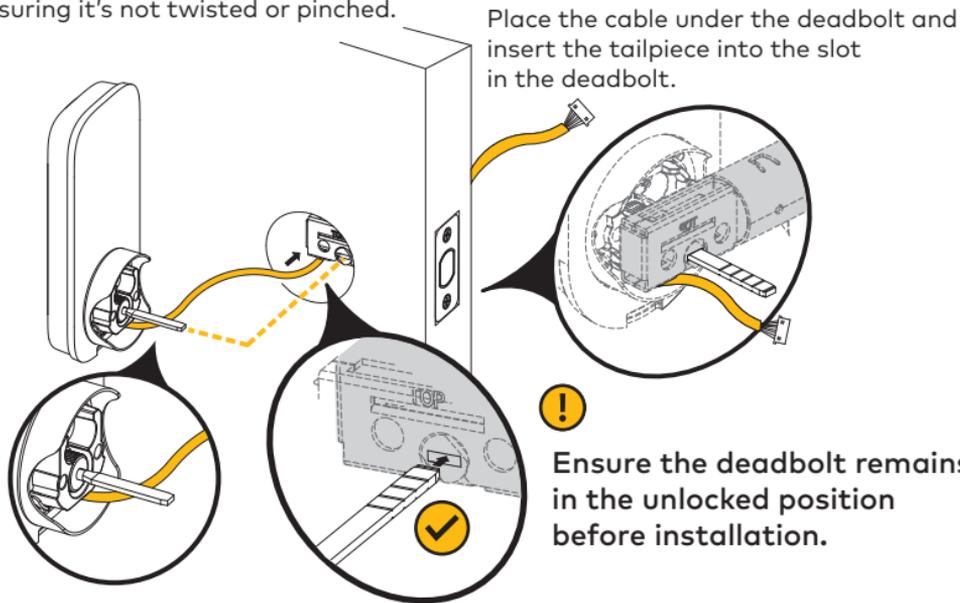
1.



If the hole is smaller than $2\text{-}1/8\text{''}$ (54mm), remove the adapter ring by loosening the side screws.

2.

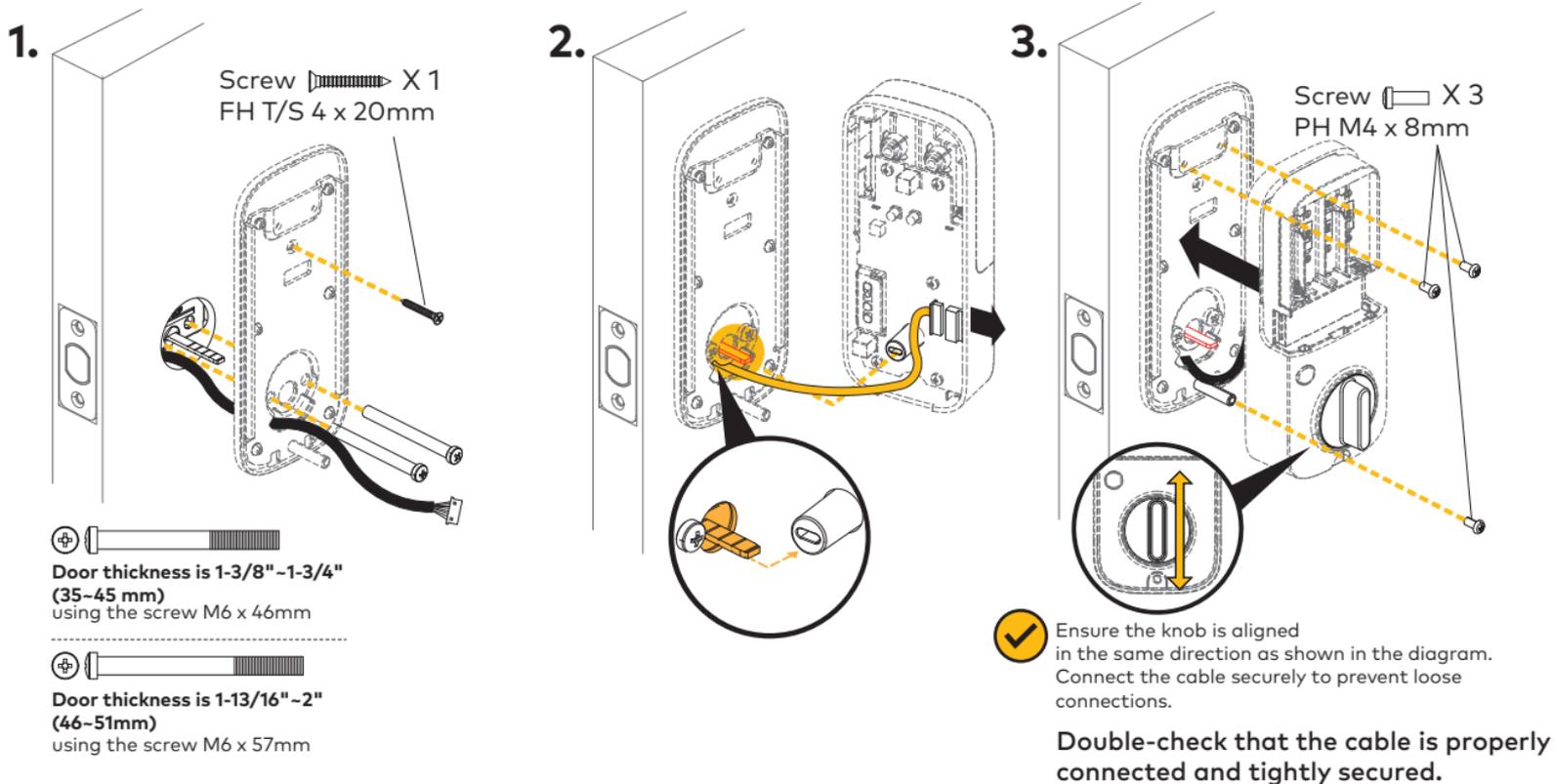
Lay the cable under the deadbolt, ensuring it's not twisted or pinched.



Ensure the deadbolt remains in the unlocked position before installation.

Step 5

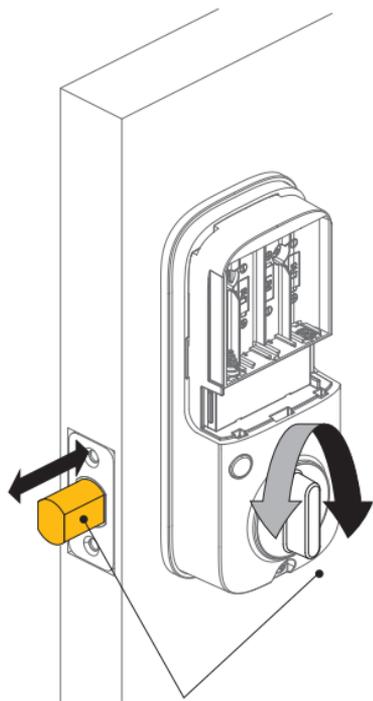
Install Interior Assembly



Step 6

Test Key and Thumbturn

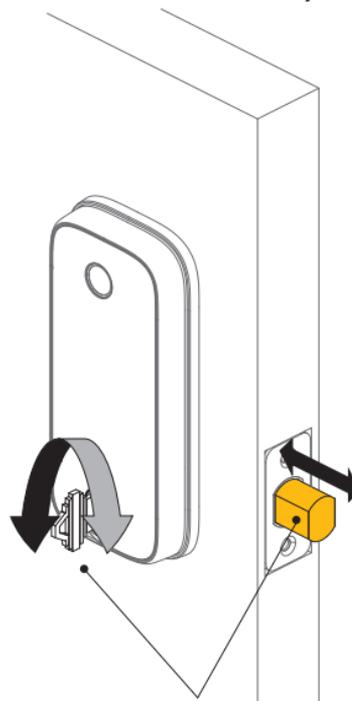
! Smooth deadbolt latch operation will enhance your battery life.



If the deadbolt does not lock or unlock when turning the thumbturn:

Ensure the tailpiece is properly inserted into the deadbolt slot.

Ensure the tailpiece is properly inserted into the thumbturn slot.



If the deadbolt does not lock or unlock when using the key:

Ensure the deadbolt is centered within the face bore hole.

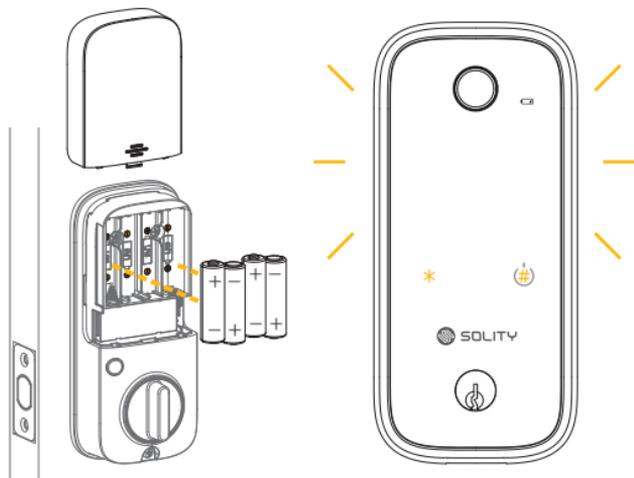
Ensure the tailpiece is correctly inserted into the deadbolt latch slot.

Step 7

Insert Batteries and Attach Cover

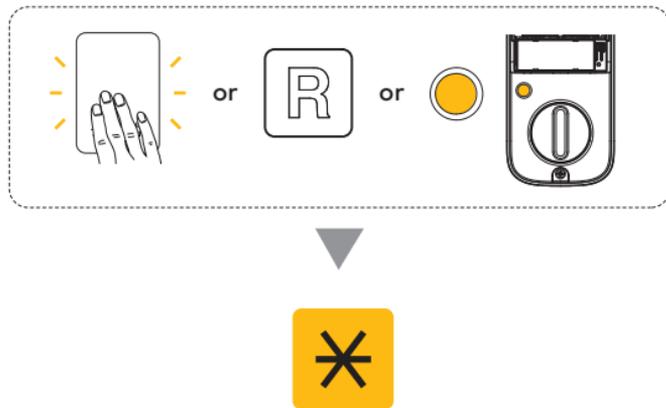
1. Insert the Batteries

Lift the battery cover and insert the batteries, ensuring the plus (+) and minus (-) signs are aligned correctly. The keypad will light up once the batteries are installed correctly.



2. Activate the Handle Locking Direction

Touch the keypad or press R or press the Open / Closed button on the interior unit to activate the locking direction. The thumbturn should automatically adjust itself during this process.

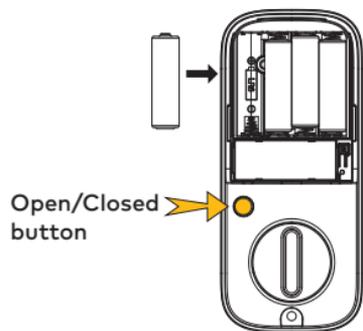


Factory Reset (used only when reset is needed)

* Factory reset should be performed with the door open and the deadbolt in the unlocked state.

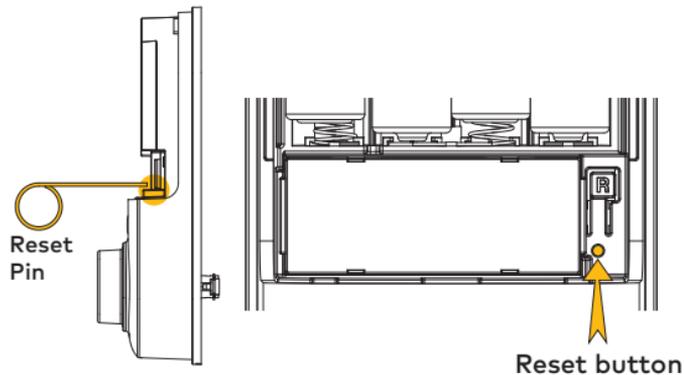
 Please follow the steps below for the factory reset.

Step.1



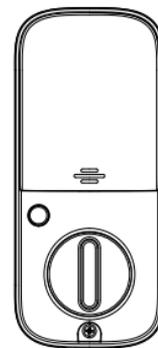
Remove one of the batteries, press and hold the open/closed button on the interior unit for 3 seconds.

Step.2



Press and hold the reset button for 3 seconds, using the provided Reset PIN as shown in the picture. While holding the button, re-insert the removed battery to connect the power.

Step.3



A confirmation sound will indicate that the reset is complete.

How To Use The Lock

Open the door from outside

Method 1

• In General authorization mode



- If you press the [*] button before entering the pin code, it will be unlocked silently. (For one-time use)

• In Double authorization mode



- One-time pin code cannot be used in double authentication mode.
- Double authentication mode will not function if no fingerprint is registered.

Method 2

User Fingerprint

* GT5BK model only



Fingerprint

Method 3

Mechanical Key



Open the door from inside

Open by pressing the button on the inner body or turning the manual knob.



Lock the door from outside

• In Auto-lock Mode

It will be locked automatically according to time-relock setting.

• In Manual Lock Mode

Press the Start button to lock the door. Use the Mechanical Key and turn right/left to lock.



Lock the door from inside

• In Auto-lock Mode

It will be locked automatically according to time-relock setting.

• In Manual Lock Mode

Press the button on interior body or Turn the thumb turn knob right/left to lock.



How to connect to the APP

* To connect the lock to Alexa or SmartThings, please download the "SMART SOLITY" APP first, complete the sign up process as a member and add a lock. Afterward, follow the instructions in Alexa or SmartThings APP to connect the lock.

HOW TO REGISTER

1

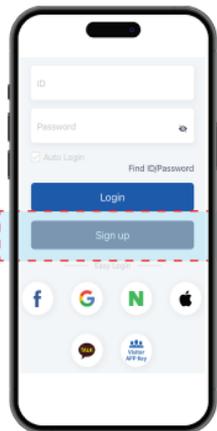
Download "SMART SOLITY" APP in Google Play or App Store.

Scan QR code to download the App.



2

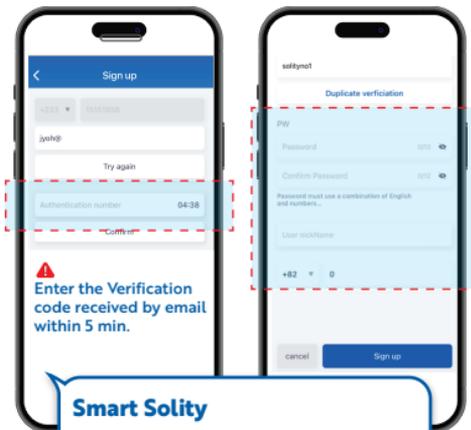
Access the App and sign up to get started.



Sign up

3

Follow the Sign up step, and fill in the information required.



Enter the Verification code received by email within 5 min.

Smart Solity

This is the verification code for signing up for Smart Solity. Enter the verification code on your mobile app.

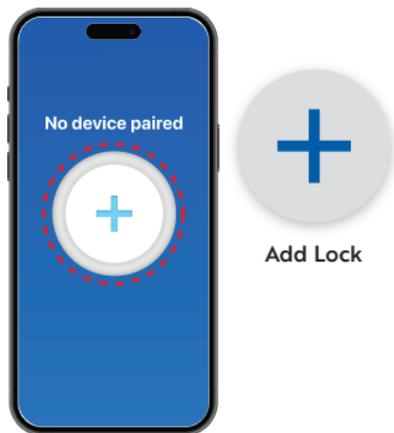
Verification code : 822977(Example)

How to connect to the APP

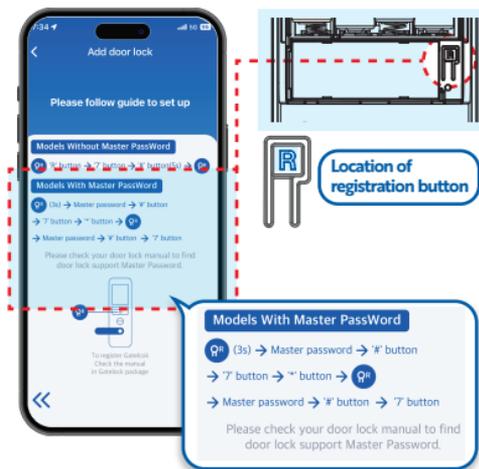
! Allow location permissions for the door lock and ensure a minimum installation distance of 10 meters from the shared device.

HOW TO ADD LOCK

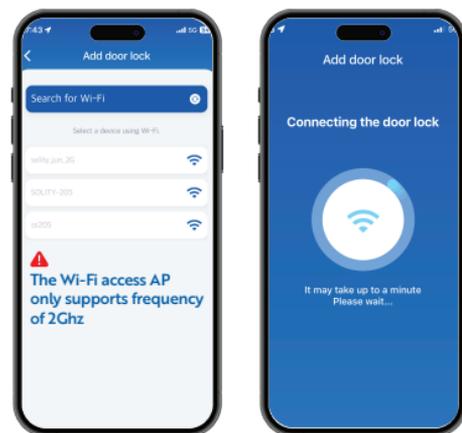
1 Tap the '+' button on the main page of the App and follow the instructions.



2 Follow the steps below to reset and pair the Smart Phone with the door lock.
The Registration Button ('R' Button) is located under the battery cover of Interior lock Body.



3 Click the door lock and select the wireless network.
Make sure to enter the correct password and wait for the connection to succeed.



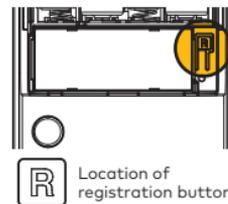
Programming Guide

* The administrator pin code in factory mode is 123456.

It is recommended to change the administrator pin code to a new one for security.

Change the administrator pin code

* Only a single administrator pin code can be set.



Add user pin code



* Enter additional user pin code before keypad light turn off. Up to 100 user pin codes can be registered.

* Press an address code 1-100 before enter new user pin code and press [#] key. You can define the address location of pin code to facilitate deleting pin code stored in this location individually later.

Add one-time pin code



* The one-time pin code will expire automatically after it is used to unlock the door.

Add fingerprints

* GT5BK model only



* Enter additional fingerprints before the keypad light turns off. Up to 100 fingerprints can be registered.

* Enter an address code (1-100) before registering a new user fingerprint for individually registration, then press the [#] key. This assigns the fingerprint to a specific address, allowing you to delete it individually later if needed.

Programming Guide

Delete user pin code



* If the user pin code (1-100) is not entered or the pin code is not addressed, it will display the error and return to press address code again.

▶ or # 3 SEC to delete all pin codes

Delete one-time pin code



Delete fingerprint

* GT5BK model only



* If the user fingerprint (1-100) is not entered or the fingerprint is not addressed, it will display the error and return to press address code again.

▶ or # 3 SEC to delete all fingerprints

Programming Guide

This function allows you to set the lock to automatically lock when the door is closed.

Auto-Lock time setting

To enable the Auto-lock time setting

Administrator pin code ▶ * ▶ * ▶ 1 ▶ 5 ~ 180SEC ▶ #

* Enter the Auto-lock time you want to set

Automatic/Manual lock mode

Administrator pin code ▶ * ▶ * ▶ 4 Auto lock | 7 Manual lock

* The default setting is automatic lock mode.

* In manual lock mode, the door lock will not lock automatically even when the door is closed.
You must either press the button on the inner body or touch the keypad to lock it.

Programming Guide

Sound volume setting

Administrator pin code ▶ * ▶ 3 Increase the volume | 6 Decrease the volume

* Sound volume adjustment only applies to daily door opening/closing sounds.

Door open alarm setting

Administrator pin code ▶ * ▶ 2 Activate | 0 Deactivate

* Factory mode is deactivated. Please switch to active mode if you need to enable the door open alarm setting.
If the door lock remains open, it will beep for 1 minute to ensure your security.

Double authorization function

* GT5BK model only

Administrator pin code ▶ * ▶ 5 Activate | 8 Deactivate

* Double Authorization is a function that can open the door only after the registered pin code and fingerprint are authenticated.

Programming Guide

Privacy mode



3 SEC



* Privacy mode prevents registered pin codes and fingerprints from being used to unlock the door from the outside. Privacy mode is automatically disabled when the door is unlocked from the inside.

Fake number setting mode

Administrator pin code



Activate



Deactivate

*Use the fake number function if you are concerned about exposing your pin code.

*You can enter fake numbers either before or after the pin code, but the total must not exceed 20 digits.

For example: 12357 + PIN code or PIN code + 12357

Reset handle locking direction

Administrator pin code



*Set it when you need to change the left or right handle locking direction of the latch.

Troubleshooting

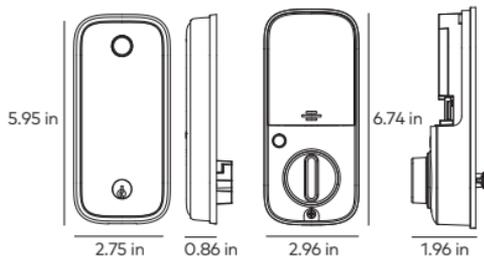
Problem	Solution
The deadbolt does not turn properly after installation. The deadbolt does not turn well when turning a thumb turn.	Please check again the deadbolt lock is properly installed in the correct manner according to the Installation Guide.(P11)
The keypad doesn't turn on (lighting) after inserting batteries.	Please make sure to connect the power cable when installing. (P12) Please make sure to insert the battery in the correct direction. (P14)
Administrator pin code cannot be changed.	Please change the administrator pin code after performing a factory reset (P15) as outlined in the Programming Guide.
Fingerprint is not properly registered.	When registering a fingerprint, you must scan the same finger three times. Ensure your finger is placed accurately at the center of the fingerprint sensor during each scan.
An alarm sounds after entering pin code or fingerprint incorrectly.	If you enter the pin code or scan your fingerprint incorrectly more than 5 times, an error alarm will sound, and the door lock will be disabled for one minute. Please wait for one minute before trying again.
Deadbolt does not lock automatically.	The automatic lock is set as the factory default mode. Please follow the instructions(P21) if you want to make automatically locking.
What if I forgot my administrator pin code?	After performing a factory reset, re-enter the administrator pin code. If the factory reset cannot be completed, use the mechanical key to unlock the door.
The power is off after the battery runs out.	You can unlock the door from outside using a mechanical key. ※Ensure the mechanical key is stored in a secure outdoor location for emergencies.
The lock chimes indicating code acceptance, but the door does not open.	Please inspect for any foreign objects between the door and the frame. Ensure the wire is securely connected to the inside lock. (P12)
Lock responds "Low Battery".	This is the alert to replace the batteries. Replace all four (4) batteries with new AA Alkaline batteries. (P14)
The pin code can not be registered.	The administrators code must consist of 6 to 12 digits.
Lock operates, but makes no sound.	The code must be entered before the keypad turns off. (P16) Please verify if the volume is set to the minimum level. (P22)
Wi-Fi does not function well with smartphone.	Please check whether the Wi-Fi router signal is normal or not. (Requires 2.4GHz Wi-Fi network.)

Memo

Notice

Product specification

Product Material	Zn, PC ABS
Weight	3.79 pounds
Item Dimensions	2.75 x 5.95x 0.86 inches 2.96 x 6.74 x 1.96 inches
Lock Type	Biometric(GT5BK), Keypad
Control Method	Touch
Connectivity Protocol	Wi-Fi
Operating Temp	-31°F to 151°F
Power Type	4 AA Batteries(included)



Contains FCC ID : 2AU49-DA16600ME Model : DA16600MOD-AAE4WA32

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Consult the dealer or an experienced radio technician for help.

Information on SOLITY products
<https://www.smartlocksolity.com>



Email : support@smartlocksolity.com

DESIGNED BY SOLITY IN KOREA



The safety you have dreamed of, The style you have desired.

PTSP667OONTA REV.01