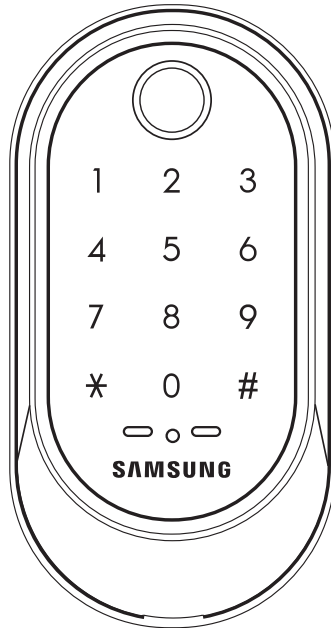


# SAMSUNG SDS

Samsung SDS  
Digital Door Lock



## User Guide SHP-A30

Samsung SDS Digital Door Lock

Please review all included documentation and use the product as intended. Before installing this product, fully read and understand this user guide. Safety precautions must be followed to avoid personal injury or property damage.

## Introduction

Congratulations on the purchase of your Samsung SDS Digital Door Lock! Your lock has a touch sensitive number display pad. Up to 50 users can be registered to gain access with unique Codes. The touchscreen makes it convenient to enter the code and the Randomizer function helps prevent lockpicking using fingerprint traces on the touchscreen. Other convenient functions such as Automatic Locking / Sound Setting, etc. provide advanced security and peace of mind.

## Table of Contents

- Introduction** ..... 2
- Safety Precautions** ..... 3-4
- Installation** ..... 5-11
  - Components & Tools ..... 5
  - Door Preparation ..... 6-7
  - Preparing the parts ..... 8
  - Installing Lock ..... 9-11
- Programming** ..... 12
  - Programming Features ..... 12-13
  - Definitions ..... 13-14
  - Basic Lock Operation Overview ..... 15
  - Status Indicators & Authentication Methods Management menu ..... 16
  - Changing the Master PIN Code ..... 17
  - Managing User PIN Codes ..... 18-20
  - Managing User Fingerprints ..... 21-23
  - Settings menu ..... 24-29
  - Privacy Mode Functions & Away Mode Functions ..... 31
- Miscellaneous** ..... 32
  - Miscellaneous Information ..... 32-34
  - Troubleshooting ..... 35-36
  - User Registration Table ..... 37
  - Product Specifications ..... 38
  - Product Warranty ..... 40-41
  - Drilling Template ..... 43-46

## Safety Precautions

**Warning:** This section contains important information to ensure the user's safety and prevent potential damage to property. Please, read this section carefully and use the product accordingly.

### Precaution when Installing Product

- It is not recommended to install this product in a rainy, humid, or salty place (e.g. coastal area), or a place exposed to direct sunlight for a long period of time. Long-term exposure to direct sunlight may cause a crack on the touch pad. Avoid exposure to direct sunlight.
- Much dew condensation may affect the performance of this product.
- You must not repair this product without authorization.
- Before installing an IoT door lock, check your Wi-Fi environment. Depending on the indoor Wi-Fi environment, an IoT door lock may not be installed or its service may not be supported. To check your Wi-Fi environment, you need a smartphone and a Wi-Fi access point (AP) in your house.
- Install the door lock while the door is open. Even after completing the installation, do not close the door until you check if the door lock is operating properly.
- While installing this product, do not let the door lock fall to the ground. If this product falls or is dropped during installation, you may be injured or the product may be damaged.

### Precaution when Using Product

- Do not use the excessive force or sharp objects to push the lock buttons.
- Do not operate this product with wet hands, and keep liquids such as water or beverages away from this product. It may malfunction or be damaged.
- Do not use water, benzene, or alcohol when cleaning the product. Use a soft dry cloth.
- Make sure that the door is completely closed when going outside.
- Make sure that no unauthorized person has access to the PIN Code. Change it regularly.
- Be sure to correctly match the polarities(+/-) of batteries when installing the batteries. Installing the batteries incorrectly may result in the batteries leaking (without acid), or the batteries may burst.
- When the battery replacement alarm voice sounds, replace all new batteries instead of the used batteries.
- Batteries may consume more energy depending on the wireless communication environment.
- Radio interference may occur when this product is used, or from other devices.
- If this radio system has radio interference during operation, it may not function properly.
- Much dew condensation may affect the performance of this product.

- Keep a distance of 20 cm or further when using this product.
- Do not scratch the fingerprint recognition sensor with a metal object such as a coin, key, or necklace.
- If your finger or the fingerprint recognition sensor is dirty or wet, wipe it clean to remove any moisture before using the sensor.
- If the surface of your finger is not smooth (wounded or swollen), your fingerprint may not be recognized.
- If your finger is too small or thin, the fingerprint recognition rate may decrease.
- If you bend your finger or use only your fingertip with the fingerprint recognition sensor, your fingerprint may not be recognized. Place your finger completely on the fingerprint recognition sensor for best results.
- To increase the fingerprint recognition rate, register the fingerprint you would usually use.
- If surrounding of this product is too dry, static electricity may be discharged.  
In this case, touch a metal object to eliminate static electricity before using the fingerprint recognition function.



# INSTALLATION

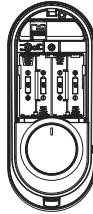
## Components & Tools

### Components and Drawing

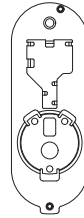
**A** Exterior Unit



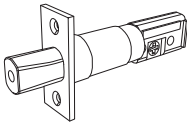
**B** Interior Unit



**C** Interior Mounting Plate



**D** Adjustable Deadbolt



Round face plate

**E** Strike Parts

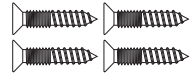


Strike



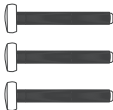
Dust Box

**F1** Screw for Strike and Dead bolt



Spec: FH+T4x19

**F2** Screw for mounting plate



Spec: BH+M5x35

**F3** Screw for mounting plate



Spec: FH+#8(4.2)x20

**F4** Screw for Interior unit



Spec: FH+M4x8

**F5** Screw for Reinforcement plate

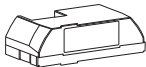


Spec: FH+T5x76

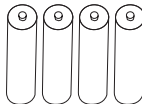
**G** Cover Pin



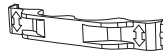
**H** WiFi Module Pack



**I** Batteries



**J** Battery Bracket



**K** User Manual



### Tools

#### Door Preparation

- 2-1/8"(54mm) hole saw: Main Hole
- 1"(25mm) hole saw: Dead bolt hole
- 1/8"(2.5mm) drill bit: Dead bolt screw hole
- Chisel and hammer
- Drill

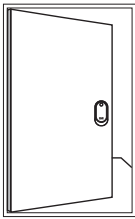
#### Lock Installation

- #2 Phillips screwdriver

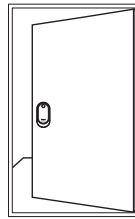
## Door Preparation

### Step 1. Check the Door Status

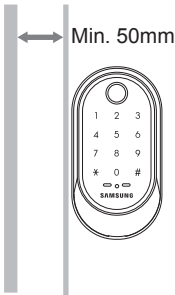
- 1) This lock supports door thickness of 1-3/8" to 2-5/32" (35 to 55mm).
- 2) Using the provided lock template, ensure that there are no obstructions that would prevent installing the lock properly.
- 3) Take note of which orientation the deadbolt will need to be installed, left hand or right hand.



**Left-handed Door**  
When viewed from the Outside, the hinge is on the left.



**Right-handed Door**  
When viewed from the Outside, the hinge is on the right.

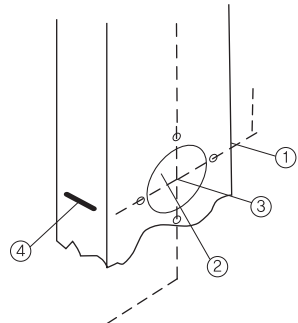


Please, be aware of that there has be more than 50mm gap between the lock and the door frame.

### Step 2. Mark on the Door

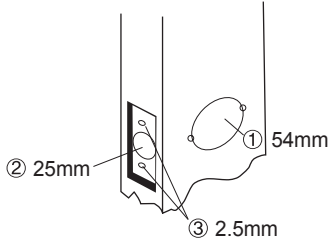
Check the location and direction of the deadbolt, attach the drilling template (page 43) on the side of the door, and mark on it with a pen.

- 1) Align the horizontal line across the door.
- 2) Align the vertical line over the door.
- 3) Mark the centers of the holes with the drilling template.
- 4) Mark the centerline of the deadbolt by aligning it with the vertical line.



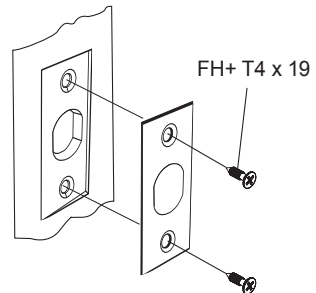
### Step 3. Drilling

- 1) Drill a 2-1/8" (54 mm) diameter hole through the door, as indicated on the template, using a hole saw.
- 2) Drill a 1" (25 mm) deadbolt hole using a hole saw.
- 3) Drill screw holes using a drill bit (1/8", 2.5 mm).



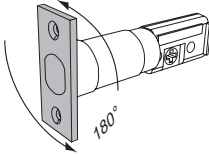
### Step 4. Strike Plate Installation

- 1) Using the template, locate the center horizontal line for the deadbolt hole, which lines up with the center of the 2-1/8" hole, and draw a horizontal line on the door frame to mark where you will make the deadbolt mortise hole.
- 2) Measure half the thickness of the door. Now, measure that distance from where the door stops at the frame when the door is closed toward the door jamb and mark a straight, vertical line the length of the door strike plate. Draw a horizontal line from the mark you made in Step 1 toward the vertical line. Where both lines cross, make a 1" (25 mm) diameter hole, 1" (25 mm) in depth.
- 3) Align the holes of the strike plate with the vertical line. Trace the outline of the strike plate and mortise with a 1/16" (1.6 mm) indentation. Attach the strike plate with the 2 screws provided.



## Preparing the parts

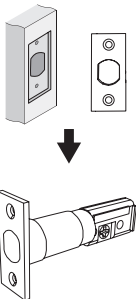
### 1. Adjusting the backset of the dead bolt



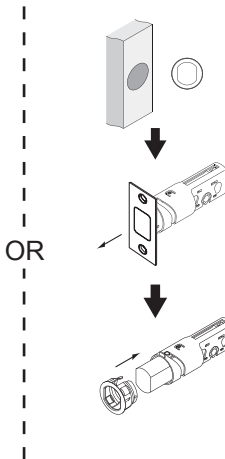
Turn the body of the dead bolt to adjust the backset of the dead bolt.  
It can be 60mm (2-3/8") or 70mm (2-3/4")

### 2. Changing the faceplate of the dead bolt

Change the faceplate of the dead bolt following the size of a strike hole.

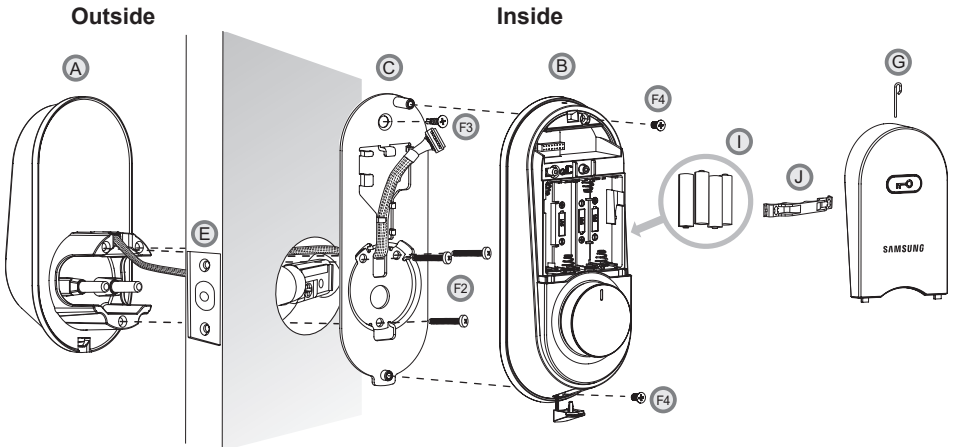


**Rectangle faceplate**  
: No need to change.



**Round faceplate**  
1. Remove the strike faceplate. (PULL)  
2. Insert the round faceplate.

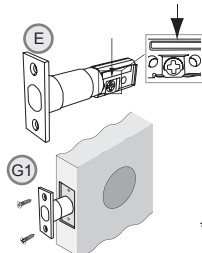
## Installing lock



### Precaution when Installing Product

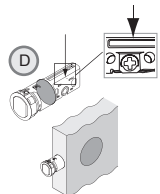
- Before installing an IoT door lock, check your Wi-Fi environment. Depending on the indoor Wi-Fi environment, an IoT door lock may not be installed or its service may not be supported. To check your Wi-Fi environment, you need a smartphone and a Wi-Fi access point (AP) in your house.
- Install the door lock while the door is open. Even after completing the installation, do not close the door until you check if the door lock operating properly.
- While installing this product, do not let the door lock fall to the ground. If this product falls or is dropped during installation, you may be injured or the product may be damaged.
- When installing this product, check to see if the dead bolt fits in the door. The dead bolt should be in the unlock position until the batteries are inserted.

#### 1. Installing the Dead Bolt(E)



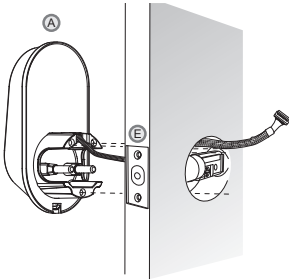
##### 1. Before installation

- 1) Check the faceplate type of your door.
- 2) Make sure the deadbolt direction as shown before inserting it into a door side.
2. Insert the deadbolt from the side of the door.
3. Fix the deadbolt using two FH+T4X19 screws.



\*If there is round strike hole, change the faceplate, and insert the deadbolt following right side drawing.

## 2. Installing the Exterior Unit

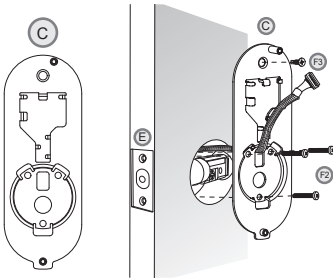


1. Ensure the Exterior Unit is aligned with the center hole of the deadbolt.
2. Attach the exterior unit.

**CAUTION:** The dead bolt must be in a retracted position.

Insert the Exterior Unit and pull the connector cable out above the dead bolt.

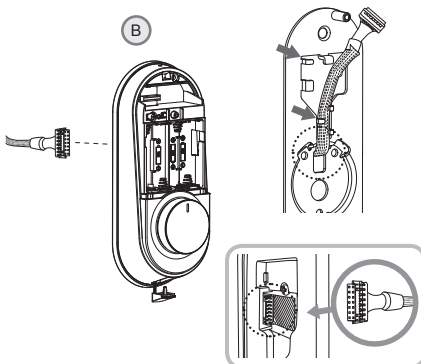
## 3. Installing the Mounting Plate



1. Detach the Interior Mounting Plate from the interior unit.
2. Fasten the interior mounting plate with two BH+M5x35 (F2) 90% of the way.
3. Align the Exterior Unit with the Interior Mounting Plate and then tighten the screws.

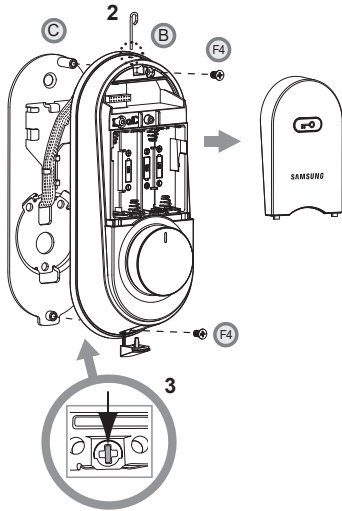
**CAUTION:** Do not over-tighten the screws.

## 4. Connecting the cable



1. Pull the exterior unit cable out through the cable hole of the interior mounting plate, and push the cable into the cable hook.
2. Connect the cable from the exterior unit to the interior unit.
3. After connecting the cable, push the cable into the hole of the door.

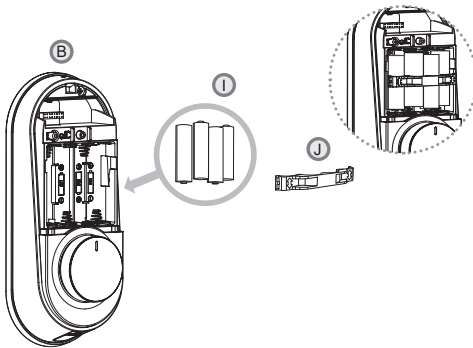
### 5. Fix Screw for the Interior Unit



1. Before installing the interior unit,
  - 1) Check the direction of the thumb turn while the dead bolt is in the OPEN POSITION.
  - 2) Check if the knob of the interior unit is placed at the center.
2. Use the cover pin to push the battery cover hole on the top of the interior unit to open the battery cover.
3. Insert the tailpiece of the interior unit vertically into the dead bolt.
4. Align the Interior Unit on to the Interior Mounting Plate, and attach it with 3 screws. Tighten the screw on the bottom of the interior unit and connect the screw cover.

**CAUTION:** Insert the tailpieces vertically into the dead bolt, equally on the left and right.

### 6. Final Check



1. Insert 4 batteries. A Melody will sound when all 4 batteries are inserted correctly. After that, insert the battery bracket to secure the battery.
2. Once the batteries are connected, the dead bolt is automatically set. After that, press [OPEN/CLOSE] button to check whether the dead bolt works properly.
3. Once the dead bolt is completely set, install the battery cover.

**CAUTION:** Check the movement of the dead bolt by the thumb turn.

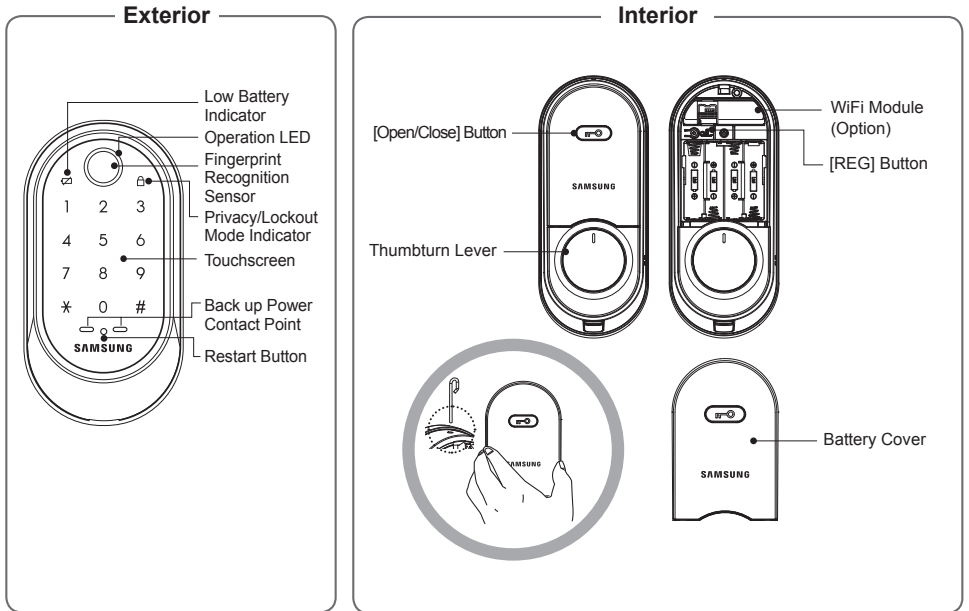
## Check Points after Installing Product

Once the smart door lock is completely installed, check if it is properly operating. After installation, check the following:

- After authenticating the PIN Code on the exterior unit, check if the dead bolt is operating normally.
- Manually check if the knob of the interior unit is operating smoothly.
- Press the [OPEN/CLOSE] button of the interior unit to check if the dead bolt is normally operating.
- While the door is closed, check if the dead bolt is operating and not hitting the door.





# PROGRAMMING

## | Programming Features



Symbols	Description	Symbols	Description
	Touch the <b>[Touchscreen]</b> .		Press the <b>[*]</b> button. It is used to complete number entry.
	Enter the Master PIN Code (4~12 digits). Factory Default: <b>1234</b>		Enter the User PIN Code (4~12 digits).
	<b>REG:</b> Open the battery cover of the Interior Unit and press the <b>[REG]</b> button. It is used to begin or exit the Program mode.		Press the Number buttons.
	<b>REG5:</b> Press the <b>[REG]</b> button for 5 seconds.		



Symbols	Description	Symbols	Description
	Place the finger on the fingerprint sensor		Repeat the process inside the rectangle.
	Enter the User ID Number. Can be set from 1 to 50.		Press the <b>[OPEN/CLOSE]</b> button.

## Definitions

**2-Step Authentication Mode** : Both PIN Code and fingerprint need to be authenticated to open the door, ensuring more security. To set this mode, one or more fingerprints need to be registered.

**Away mode** : In the Away mode, if someone tries to open the door from the inside, the emergency alert lamp on the outside blinks and the “beep- beep- beep-” sound is generated for 5 minutes.

**Locking Mode (Auto/Manual)** : You can enable or disable the function for locking the door automatically when it is closed. The factory default is ‘Manual mode’.

- Auto : When the door is unlocked, it is automatically locked after a preset time (10/30/60/120 seconds). However, it does not function if the batteries are completely discharged.

- Manual : The door does not lock automatically when it is unlocked, If you touch the **[Touchscreen]** or press the **[OPEN/CLOSE]** button on the Interior Unit, The door will be locked.

**Lockout Mode (Protect Mode)** : When more than 5 failed authentication attempts occur, the lock will disable the keypad for 3 minutes for security reasons. The lock is re-activated again automatically after 3 minutes.

**Low Battery Indicator** : Refers to the state when the operating voltage of the lock is lower than the standard voltage, and activates battery replacement notification such as voice or indicator to indicate that the batteries need to be replaced. In case of the low battery, the low-battery LED flickers when using doorlock.

**Master PIN Code** : You can have only one Master PIN (4-12 digits) Code. You can register the User PIN Codes/Fingerprints after authenticating with the Master PIN (4-12 digits) Code. You can open the door with the Master PIN Code, and the factory default is ‘1234’.

**OPEN/CLOSE Button** : A one-touch button to lock or unlock the door from inside.

**Privacy Mode** : Press and hold the **[OPEN/CLOSE]** button for more than three seconds, then privacy mode is activated. It prevents unlocking the door from outside while someone is inside.

**Randomizer mode** : Enter the 2 random numbers to access your full keypad for user PIN code entry. This feature will help prevent unwanted guests from guessing your PIN code from fingerprint marks left on the touchscreen. Feature is enabled by default but can be disabled.

**Registration Button** : This button is used to access the registration menu to manage your door-lock. It can be found underneath the battery cover of the interior unit.

**Resetting** : Deletes all registered information and restores the factory default. After resetting, change the Master PIN Code for security.

**Restart Button** : This button resets the lock when the lock stops functioning. Registered information is not deleted.

**Thumbturn Lever** : When the batteries are completely discharged, this device is used to mechanically lock or unlock the door from inside.

**User Fingerprint** : You can register up to 50 User Fingerprints. You can open the door with a User Fingerprint.

**User ID Number** : User ID Numbers are used to help manage User PIN Codes/Fingerprints. Each User PIN Code/Fingerprint will be assigned to a User ID Number(1 - 50). User ID Numbers are used during the deletion of User PIN Codes/Fingerprints.

**User PIN Code** : You can register up to 50 User PIN Codes (4-12 digits). You can open the door with a User PIN Code.

**Volume Setting** : The volume during the input of numbers and opening or locking of the door can be set from Level 1 ~ Level 4. The sound is muted at Level 1 and is at maximum volume at Level 4. The registration mode operates at Level 3 regardless of the sound setting.

**WiFi Setting (Option)** : If you connect a WiFi module, you can use App-based various user services through WiFi. A user can be registered through the app.

## Basic Lock Operation Overview

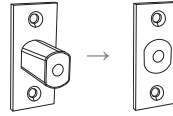
### Opening the Door with a PIN Code



Touch the **[Touchscreen]**.

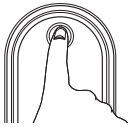


Enter the PIN Code and press the **[\*]** button.

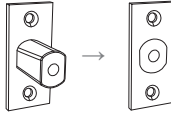


The door is now open.

### Opening the Door with a Fingerprint



Place the registered fingerprint on the fingerprint sensor.

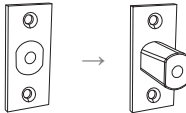


The door is now open.

### Closing the Door



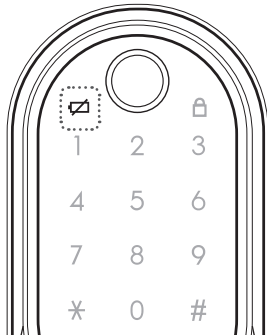
Touch the **[Touchscreen]** with back of hand or fingers to lock the door.



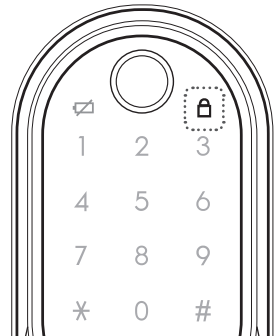
The door is now close.

## Status Indicators

### Low Battery Indicator

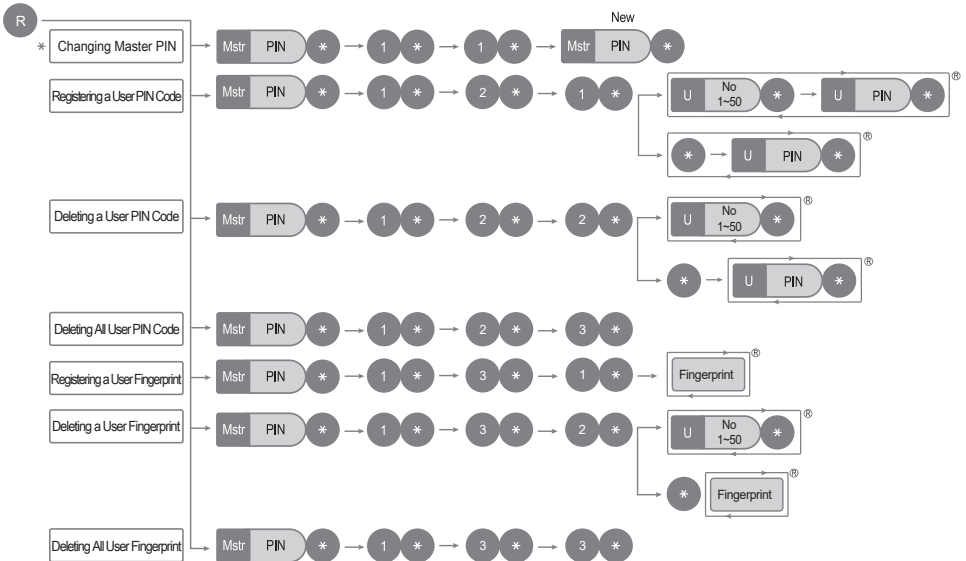


### Privacy Mode Indicator



## Authentication Methods Management menu

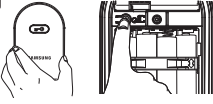
### Registration menu



**Note:** Maximum number of user registration is 100.  
(User PIN Codes 50, User Fingerprints 50)


## Changing the Master PIN Code

**1**



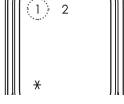
Open the battery cover of the Interior Unit and press the **[REG]** button once.

**2**



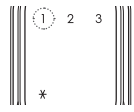
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

**3**




Press **[1]** followed by **[\*]** to manage authentication methods.

**4**



Press **[1]** followed by **[\*]** to change a master PIN code.

**5**



Enter the new Master PIN Code and press the **[\*]** button.

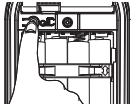
**Note:** Master PIN Code must be 4~12 digits.



# Managing User PIN Codes


## Registering a User PIN Code

1



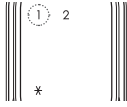
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



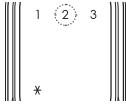
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



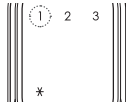
Press **[1]** followed by **[\*]** to manage authentication methods.

4




Press **[2]** followed by **[\*]** to manage user PIN codes.

5




Press **[1]** followed by **[\*]** to for additional registration.

6



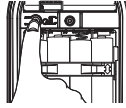
Enter a User ID Number (1~ 50) to register the User PIN Code and press the **[\*]** button.  
\*Please enter an empty user ID number.  
\*\*If you don't enter the User ID Number and press **[\*]** button, the user ID number will be sequentially assigned from 1 to 50. It will be displayed on the keypad.

7

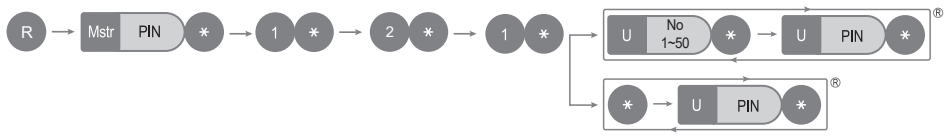


Enter a new User PIN Code and press **[\*]** button.  
**Note:** User PIN Code must be 4~12 digits.

8

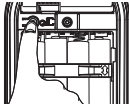


Enter another User ID Number or press the **[REG]** button to quit.



## Deleting a User PIN Code

1



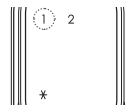
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



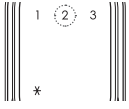
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



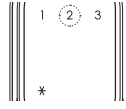
Press **[1]** followed by **[\*]** to manage authentication methods.

4



Press **[2]** followed by **[\*]** to manage user PIN codes.

5



Press **[2]** followed by **[\*]** for individual deletion.

6



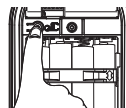
Enter the User ID Number (1~ 50) to be deleted followed by **[\*]** button. (go to Step 8)  
\* If you don't enter the User ID Number and press **[\*]** button, you can enter the User PIN Code directly to be deleted. (go to Step 7)

7



Enter a User PIN Code and press **[\*]** button.

8

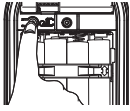


Enter another User ID Number or press the **[REG]** button to quit.



## Deleting All User PIN Code

1



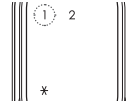
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



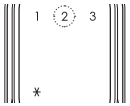
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



Press **[1]** followed by **[\*]** to manage authentication methods.

4



Press **[2]** followed by **[\*]** to manage user PIN codes.

5



Press **[3]** followed by **[\*]** for all deletion.

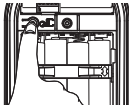




## Managing User Fingerprints

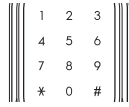
### Registering a User Fingerprint

1



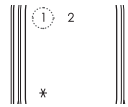
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



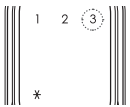
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



Press **[1]** followed by **[\*]** to manage authentication methods.

4



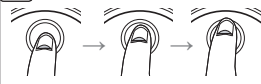
Press **[3]** followed by **[\*]** to manage user fingerprints.

5



Press **[1]** followed by **[\*]** for additional registration.

6



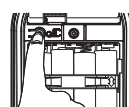
Place your fingerprint on the fingerprint sensor. (When registering your fingerprint, change its position gradually until it is recognized.) When a "beep" sound is heard and the recognition count is displayed on the keypad, remove the finger from the fingerprint sensor and place it back again (total of three recognitions).

7



As fingerprint is registered, the user ID number will be sequentially assigned from 1 to 50. It will be displayed on the keypad.

8

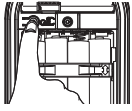


Place another fingerprint on the fingerprint sensor or press the **[REG]** button to quit.



## Deleting a User Fingerprint

1



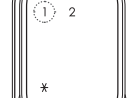
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



Press **[1]** followed by **[\*]** to manage authentication methods.

4



Press **[3]** followed by **[\*]** to manage user fingerprints.

5



Press **[2]** followed by **[\*]** for individual deletion.

6



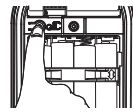
Enter the User ID Number (1~50) to be deleted followed by **[\*]** button. (go to Step 8)  
\* If you don't enter the User ID Number and press **[\*]** button, you can place the fingerprint to be deleted directly on the fingerprint sensor. (go to Step 7)

7



Place the fingerprint to be deleted on the fingerprint sensor.

8

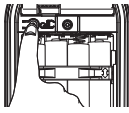


Enter another User ID Number to be deleted or press the **[REG]** button to quit.



## Deleting All User Fingerprint

1



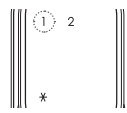
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



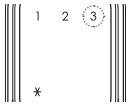
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



Press **[1]** followed by **[\*]** to manage authentication methods.

4



Press **[3]** followed by **[\*]** to manage user fingerprints.

5



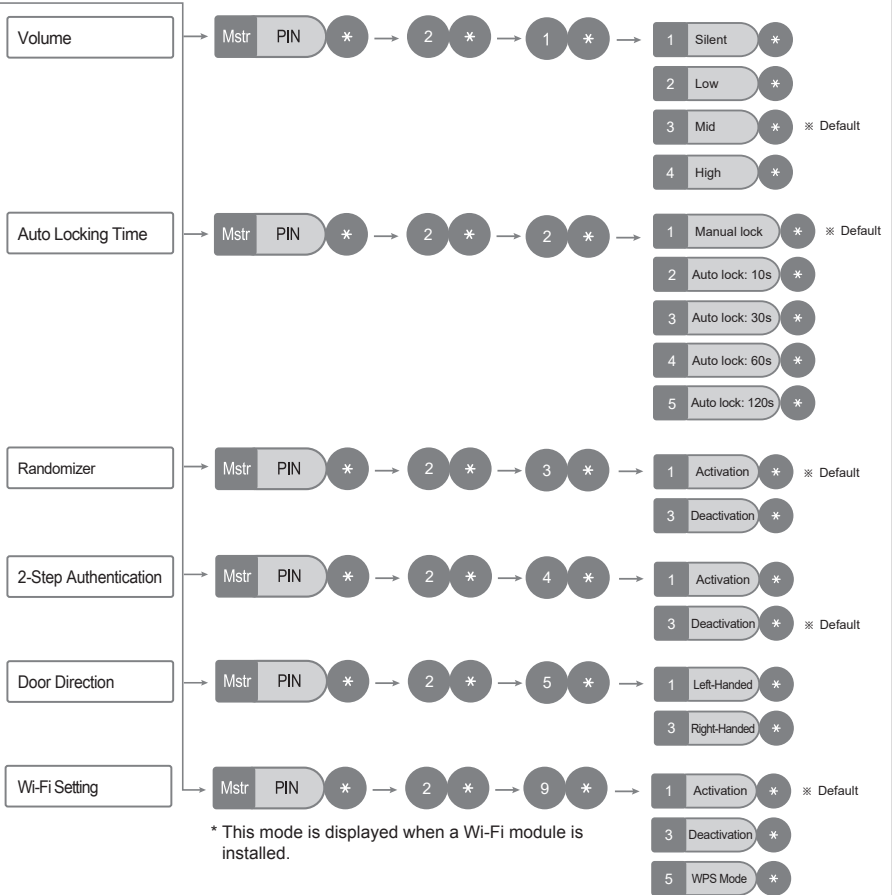
Press **[3]** followed by **[\*]** for all deletion.



# Settings menu

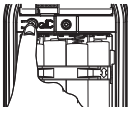
## Setup menu

R



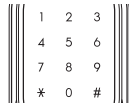
## Volume Setting

1



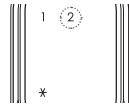
Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



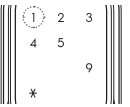
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



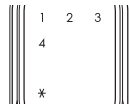
Press **[2]** followed by **[\*]** for other settings.

4



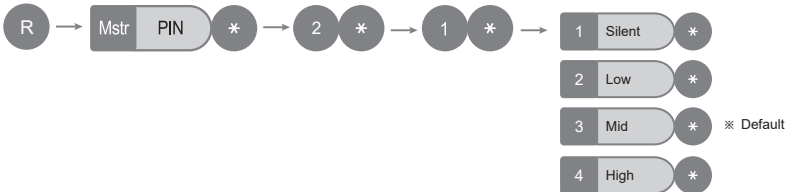
Press **[1]** followed by **[\*]** for volume settings.

5



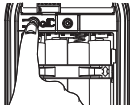
Press the volume level between 1 ~ 4 followed by **[\*]**.

\* Default: Mid (Level 3)



## Auto Locking Time Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



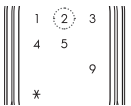
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



Press **[2]** followed by **[\*]** for other settings.

4

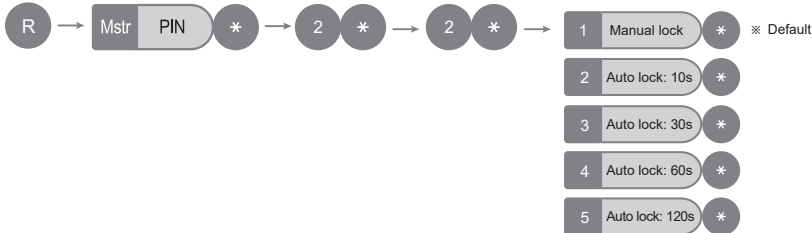


Press **[2]** followed by **[\*]** for auto locking time settings.

5

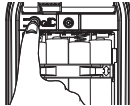


Press **[1]** followed by **[\*]** for manual locking mode .  
Press **[2] ~ [5]** followed by **[\*]** for auto locking mode.  
\* Default: Manual locking




## Randomizer Setting

1




Open the battery cover of the Interior Unit and press the **[REG]** button once.

2




When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



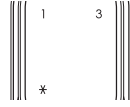
Press **[2]** followed by **[\*]** for other settings.

4



Press **[3]** followed by **[\*]** for randomizer settings.

5

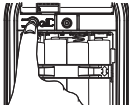


Press **[1]** followed by **[\*]** to enable randomizer mode.  
Press **[3]** followed by **[\*]** to disable randomizer mode.  
\* Default: Activation



## 2-Step Authentication Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



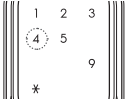
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



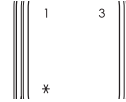
Press **[2]** followed by **[\*]** for other settings.

4



Press **[4]** followed by **[\*]** for 2 Step Authentication settings.

5



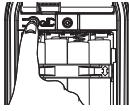
Press **[1]** followed by **[\*]** to enable 2 step authentication mode. Press **[3]** followed by **[\*]** to disable 2 step authentication mode.  
\* Default: Deactivation





## Door Direction Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



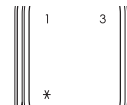
Press **[2]** followed by **[\*]** for other settings.

4



Press **[5]** followed by **[\*]** for door direction settings.

5

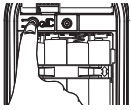


Press **[1]** followed by **[\*]** for left side setting. Press **[3]** followed by **[\*]** for right side setting.



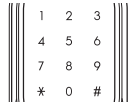
## WiFi Setting

1



Open the battery cover of the Interior Unit and press the **[REG]** button once.

2



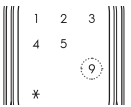
When the touchscreen is illuminated, enter the current Master PIN Code (default is '1234') and press the **[\*]** button.

3



Press **[2]** followed by **[\*]** for other settings.

4



Press **[9]** followed by **[\*]** for Wi-Fi settings.

5



Press **[1]** followed by **[\*]** to enable Wi-Fi module.  
 Press **[3]** followed by **[\*]** to disable Wi-Fi module.  
 Press **[5]** followed by **[\*]** for WPS mode.  
 \* Default: Activation

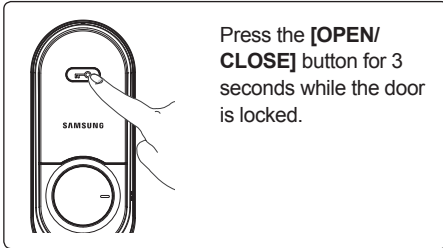


\* WPS : Wi-Fi Protected Setup

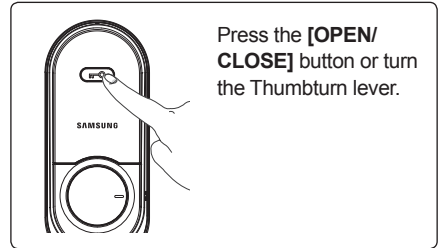
## Privacy Mode Functions

While the door is locked, press and hold the **[OPEN/CLOSE]** button for more than three seconds. As it is set from the inside, provides a secure lock for the convenience of the occupant(s). Privacy mode disables Remote control functionalities.

### Activating Privacy Mode



### Deactivating Privacy Mode

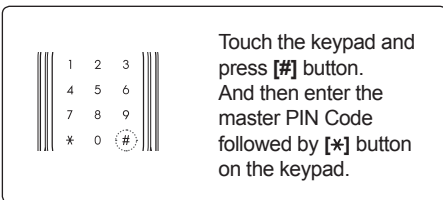


## Away Mode Functions

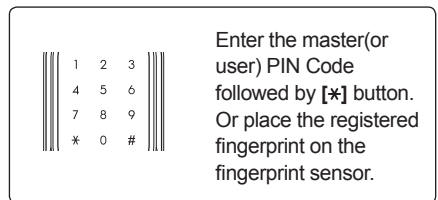
After a user goes out, this function generates the alarm sound when an attempt is made to forcefully open the door from the inside.

In the Away mode, if someone tries to open the door from the inside, the emergency alert lamp on the outside blinks and the “beep- beep- beep-” alarm sounds for five minutes.

### Activating Away mode



### Deactivating Away mode



#### Note

If the alarm sounds, take the following measures:

- Outside: Enter the master(or user) PIN Code followed by the **[\*]** button. Or place the registered fingerprint on the fingerprint sensor.
- Inside: Open the battery cover of the interior unit and remove the batteries or press the **[REG]** button. Or unlock the door by using Wi-Fi App.

# MISCELLANEOUS

## Miscellaneous Information

### Replacing the Batteries

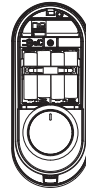
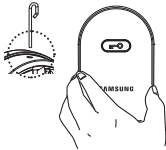
If you heard the voice “Replace the batteries” when unlocking the door with the PIN Code or the fingerprint, it is time to replace the batteries.

(The low battery indicator lights up when the voice sounds.)

Replace all 4 batteries within a week of the first alarm sound.

**Note**

- The lock will stop operating suddenly if the batteries are not replaced.
- Be sure to replace 4 batteries at once.



Hold the battery cover with one hand and open the battery cover with the cover pin. When the battery cover opened, remove the battery bracket.

(\* The battery cover may be thrown out by the force of the reaction if it is opened without holding.)

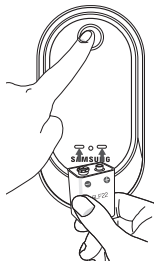
Replace all new batteries and connect the bracket and the battery cover.

### Using the Emergency Battery

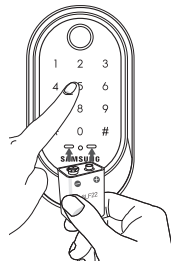
If batteries are not replaced within one week of the battery replacement notification, they will be completely discharged and the lock will not operate.

When connecting a 9V battery to Backup battery contact on the outer body, you must use the fingerprint or enter the master(or user) PIN Code.

**Note:** For an emergency battery, use an 6LF22 (9V) alkaline battery.



Or



## Installing WiFi Module (Option)

To use the smartphone App based various user services through WiFi, the WiFi module pack needs to be mounted.

WiFi connection is activated only when the door is closed. (WiFi band: 2.4GHz)

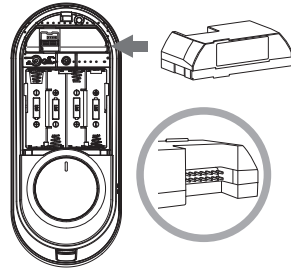
**Note:** Remove all the batteries before mounting the WiFi module pack. Once the batteries are inserted after mounting the pack, the WiFi module is automatically activated. After setting the use of the WiFi module, install the app in your smartphone.

**Caution:** When mounting the WiFi module pack, do not push the pack forcibly. If so, the module pack pin may be damaged or malfunction.

### App Installation and Use

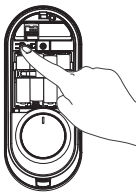
Install the 'Samsung Smart Doorlock' app from [Google Play] or [App Store]. After becoming a member, a WiFi can be connected.

For the information on the registration and the use method, refer to the guide provided from the app.



## Initializing Wi-Fi setup

When Wi-Fi setup is initialized, the PIN code or fingerprint registration information is not initialized.



Press the **[REG]** button for 5 seconds.

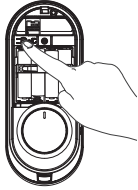


Enter the current Master PIN Code and press the **[\*]** button.

## Reset to Factory Default

Resetting the lock will delete all registered information.

**Note:** All registered Master and user data will be deleted, and the lock will be reset to default settings.



Press the **[REG]** button for 5 seconds.



Enter "4560852580" followed by **[\*]** button.

Function	Factory Default
Master PIN Code	1234
User PIN Code	None
Fingerprint	None
Volume	Mid-Level
Auto Locking Time	Manual Locking
2-Step Authentication	Deactivation
Randomizer	Activation
Wi-Fi Activation/Deactivation	Activation

## Restart Function

**Note:** Restarting does not delete registered information.

If there is no response after touching the **[Touchscreen]**, use a pin to press the **[Restart]** button on the left of the external power contact of the Exterior Unit.



## Troubleshooting

When the lock doesn't function correctly, please check the items below.

If you can't resolve the problem, please contact the nearest service center.

Problem	Resolution	Reference
There is no power.	<ul style="list-style-type: none"> <li>● Check if the batteries are inserted in the correct Polarity(+/-).</li> <li>● Check that the Exterior Unit cable has not come loose.</li> <li>● If the batteries are completely discharged, connect a 9V battery to the external power contact of the exterior unit, and use the fingerprint or enter the master(or user) PIN Code to activate.</li> </ul>	Page 32
I can't change the Master PIN Code.	<ul style="list-style-type: none"> <li>● There was a delay while changing the PIN Code. The touchscreen must be illuminated when changing the PIN Code. Also, after entering the first digit, the next digit must be entered within 60 seconds.</li> <li>● Replace the batteries if they are discharged.</li> <li>● Refer to the 'Changing the Master PIN Code' section in the user manual and try again. Ensure that the Master PIN Code is 4~12 digits long.</li> </ul>	Page 17
I can't register the User PIN Code.	<ul style="list-style-type: none"> <li>● The User Number has already been used. Delete the desired User Number and re-register.</li> <li>● Ensure that the User PIN Code is 4~12 digits long.</li> </ul>	Page 18
I entered the PIN Code and pressed the [✳] button, but the door won't open.	<ul style="list-style-type: none"> <li>● Check that the registered PIN Code was entered correctly.</li> <li>● If the touchscreen illumination turns off while entering the PIN Code, the button input was not registered. Touch the <b>[Touchscreen]</b> to illuminate the touchscreen and enter the PIN Code again from the beginning. (The touchscreen illumination is turned off automatically if there is no input within 5 seconds.)</li> </ul>	Page 15
I can't unlock the door with my Fingerprint.	<ul style="list-style-type: none"> <li>● The Fingerprint is either unregistered or unrecognized.</li> <li>● The Fingerprint must touch the Fingerprint sensor correctly.</li> </ul>	Page 15
My PIN Code or Fingerprint is authenticated, but the door won't open.	The lock may be malfunctioning. Please contact service center.	-

Problem	Resolution	Reference
<p>The door won't lock automatically when I close it.</p>	<ul style="list-style-type: none"> <li>● Check if Auto Locking is set. When Manual Locking is set, touching the <b>[Touchscreen]</b> locks the door.</li> <li>● If the door doesn't lock automatically when Auto Locking is set, then the lock has been installed incorrectly.</li> <li>● The Auto Locking function is not activated when the batteries are completely discharged. Check if the batteries are discharged.</li> </ul>	<p>Page 15</p>
<p>There is no response when I touch the <b>[Touchscreen]</b>.</p>	<ul style="list-style-type: none"> <li>● Use a pin to press the hole on the front of the Exterior unit.</li> <li>● If doing the above does nothing, contact the service center.</li> </ul>	<p>Page 34</p>
<p>Device was communicating with the controller but is no longer communicating.</p>	<ul style="list-style-type: none"> <li>● Check if the power cord/batteries to the device has been disconnected or if the power switch is in the OFF position.</li> <li>● Turn the power to the device OFF and then ON. The device should rejoin the controller automatically.</li> </ul>	<p>-</p>





## Product Specifications

Item	Specifications	
Voltage	4 AA Alkaline 1.5V Batteries (LR6) (6V)	
Operation Method	Electronic Access Method (PIN codes entry or Fingerprint)	
Weight	2.1Kg (including both inside and Exterior Unit)	
Product Dimensions	Exterior Unit	71 mm (W) x 136 mm (H) x 32.7 mm (D)
		2-3/4" (W) x 5-1/2" (H) x 1-9/32" (D)
	Interior Unit	77 mm (W) x 184.1 mm (H) x 50.3 mm (D)
		3-1/32" (W) x 7" (H) x 2" (D)

The content of this manual is subject to change without prior notice to the user in order to enhance the performance of the product.

## RF Standard

Item	Frequency	Radio Wave Type	Modulation	Communication	Use
RF device for wireless data communication system	2.4 GHz	IEEE 802.11 b/g/n	DSSS CCK OFDM	Semi-duplex	DC 6V(1.5V AA x 4EA)

## FCC NOTICE

**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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **CAUTION :**

- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.
- This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

 LIMITED PRODUCT WARRANTY **Installation of the product is considered acceptance of warranty conditions**

SAMSUNG SDS CO., LTD (SAMSUNG SDS) warrants its products to be free from manufacturing defects in materials and workmanship for 12 months from the date of purchase. SAMSUNG SDS will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. SAMSUNG SDS does not warrant the performance or sale conditions of the seller/installer.

There are no warranties, express or implied, which extend beyond the description on the face hereof. There is no express or implied warranty of merchantability of a warranty of fitness for a particular purpose. Additionally, this warranty is in lieu of all other obligations or liabilities on the part of SAMSUNG SDS.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period. In no case shall SAMSUNG SDS be liable to anyone for any consequential or incidental damages for breach or this or any other warranty, express or implied, even if the loss or damage is caused by the seller's own negligence or fault.

SAMSUNG SDS shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. SAMSUNG SDS and its distributor will not be responsible for any dismantling, reassembly or reinstallation charges. This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly cancelled. SAMSUNG SDS neither assumes, nor authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products. In no event shall SAMSUNG SDS be liable for an amount in excess of SAMSUNG SDS's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

SAMSUNG SDS recommends that the entire system be completely tested weekly.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. SAMSUNG SDS does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur.





Consequently, seller shall have no liability for any personal injury, property damage, or other loss based on a claim the product failed to give warning.

Therefore, the installer should in turn advise the consumer to take any and all pre for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage. SAMSUNG SDS is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to SAMSUNG SDS's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In case of the product defect, contact our authorized Customer Service Center. In order to exercise the warranty, you must contact our authorized Customer Service Center and obtain a proper RMA # - the product must be returned to our authorized Customer Service Center at user's shipping expense and the replacement product will be shipped back at our expense.

For product service, the product in all cases must be accompanied by below warranty form. Customer must ask the reseller or installer to fill out the warranty form indicated below, otherwise the product warranty may be considered void.

Visit our website at [smarhome.samsungsds.com](http://smarhome.samsungsds.com) and go to Support menu to find the contact information of our worldwide distributors.

-----

Date of Purchase or Installation : \_\_\_\_\_ (MM/DD/YY)

Name, telephone and full address of purchaser : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

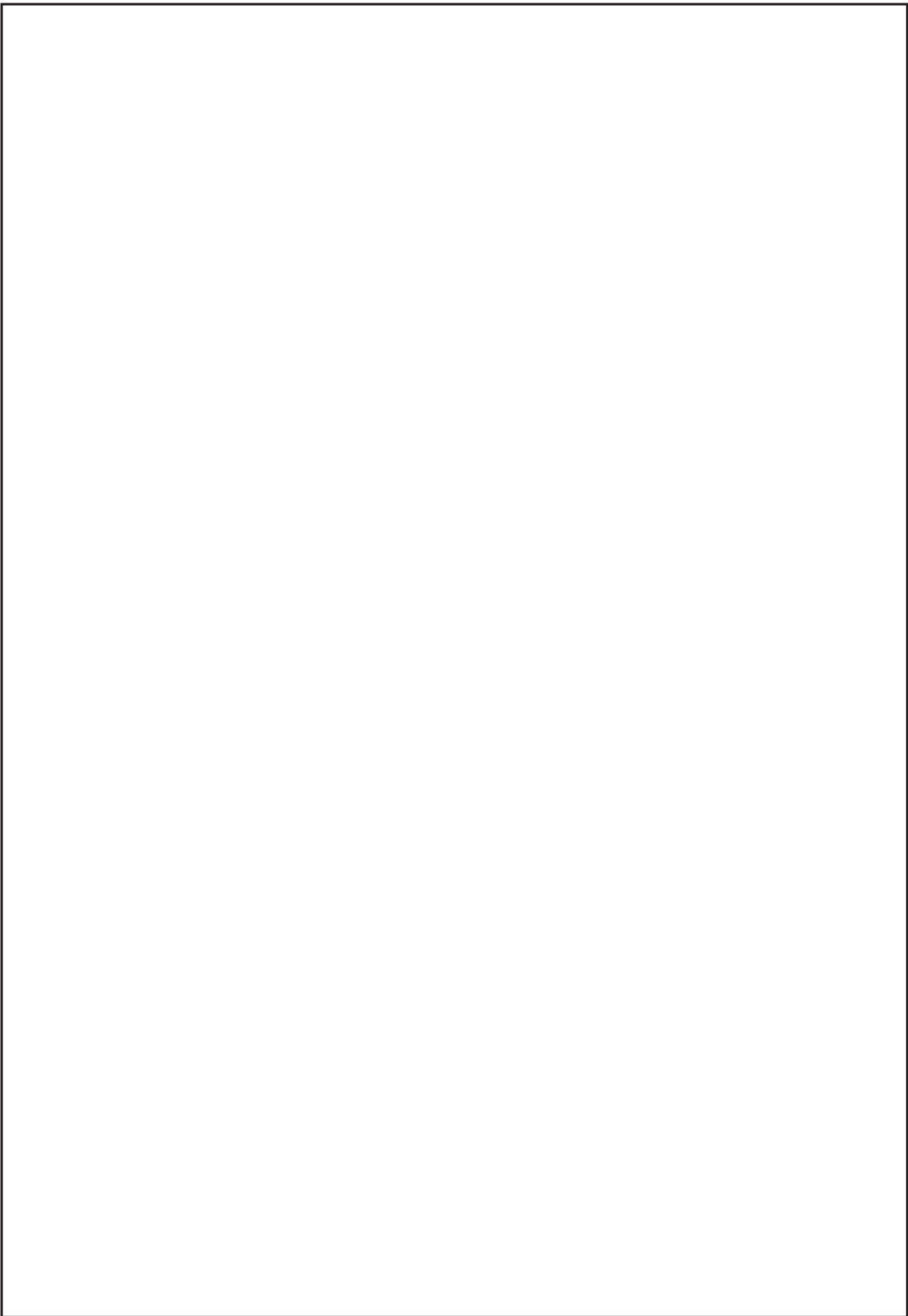
Stamp or Signature of authorized reseller / installer

Product Code and Serial Number :

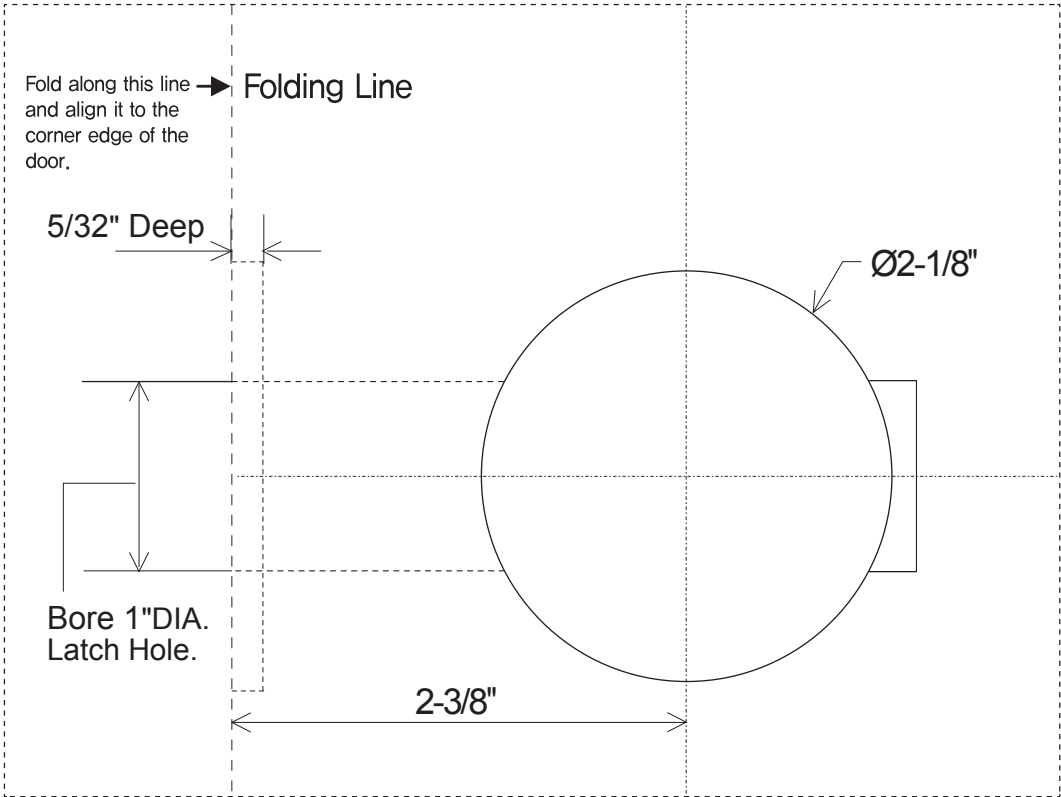
\_\_\_\_\_

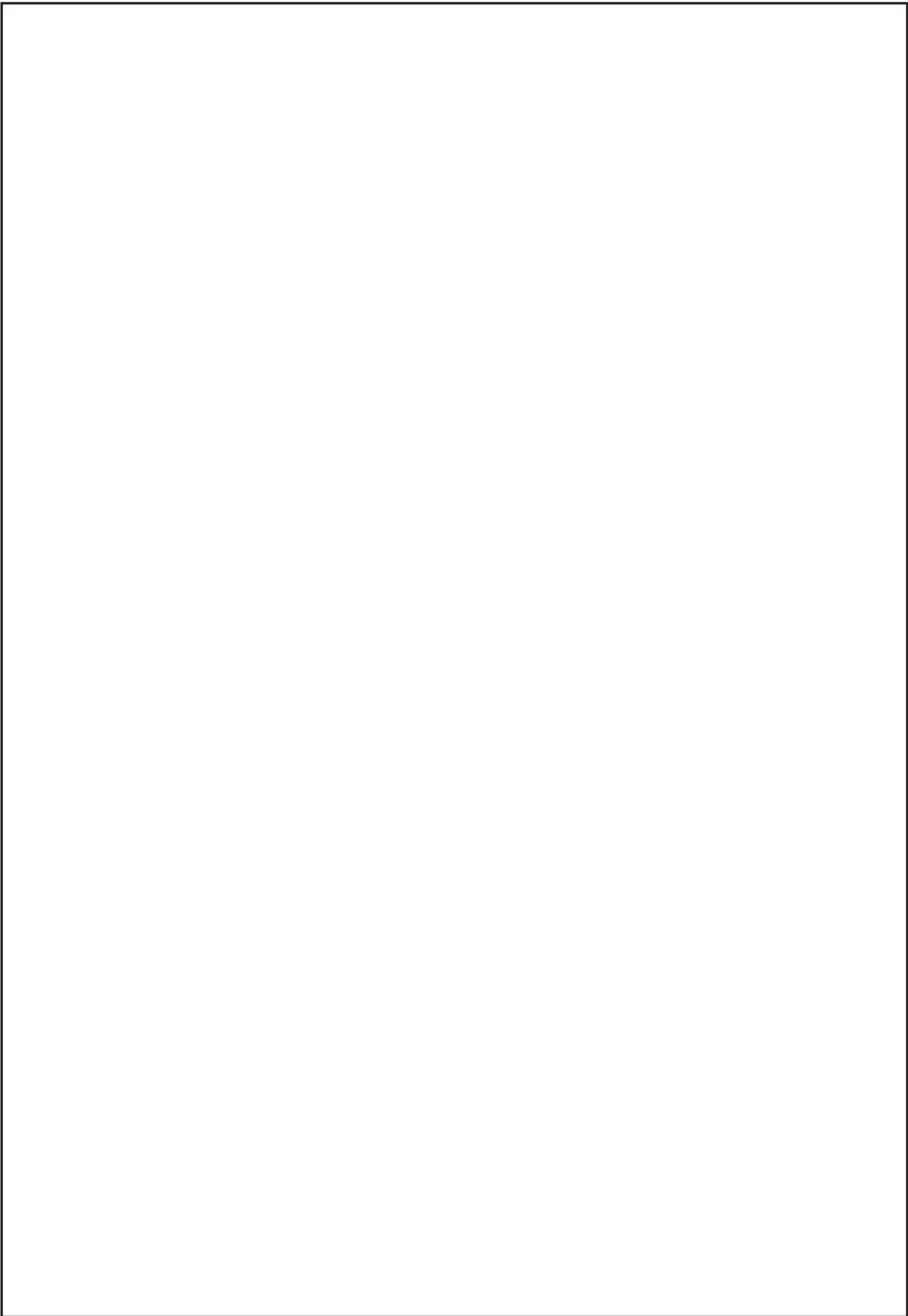
\_\_\_\_\_





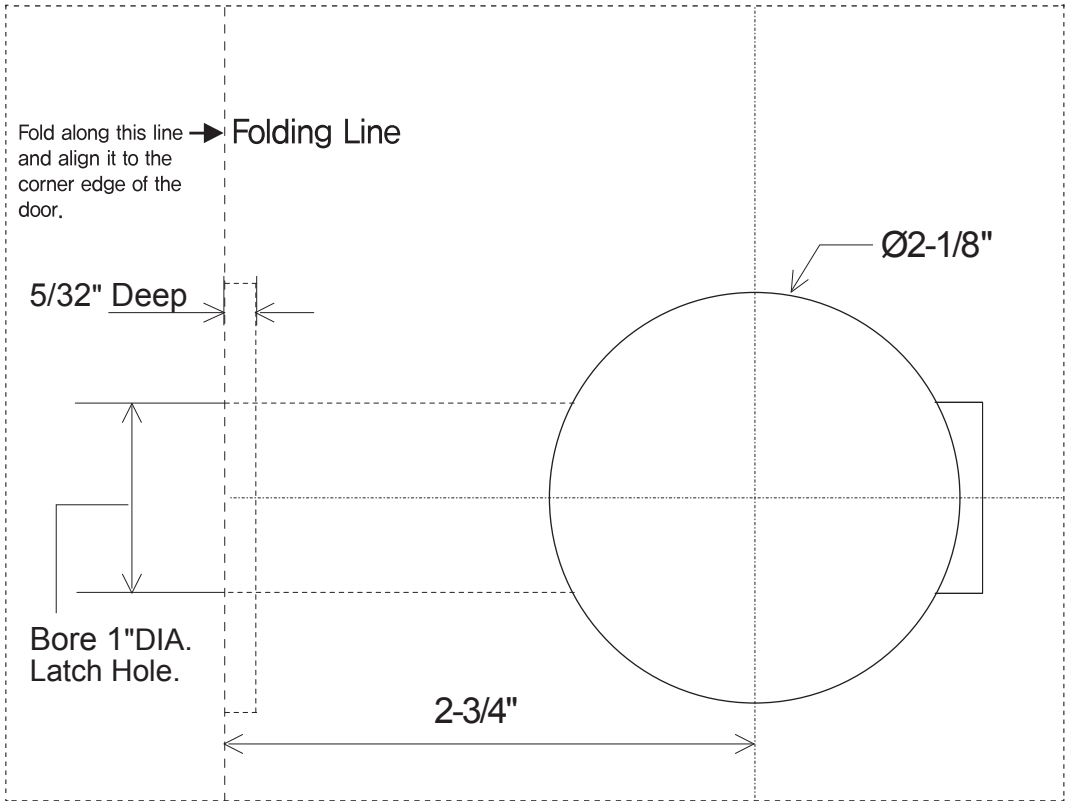
# Drilling Template Sheet : 2-3/8"(60mm) Backset

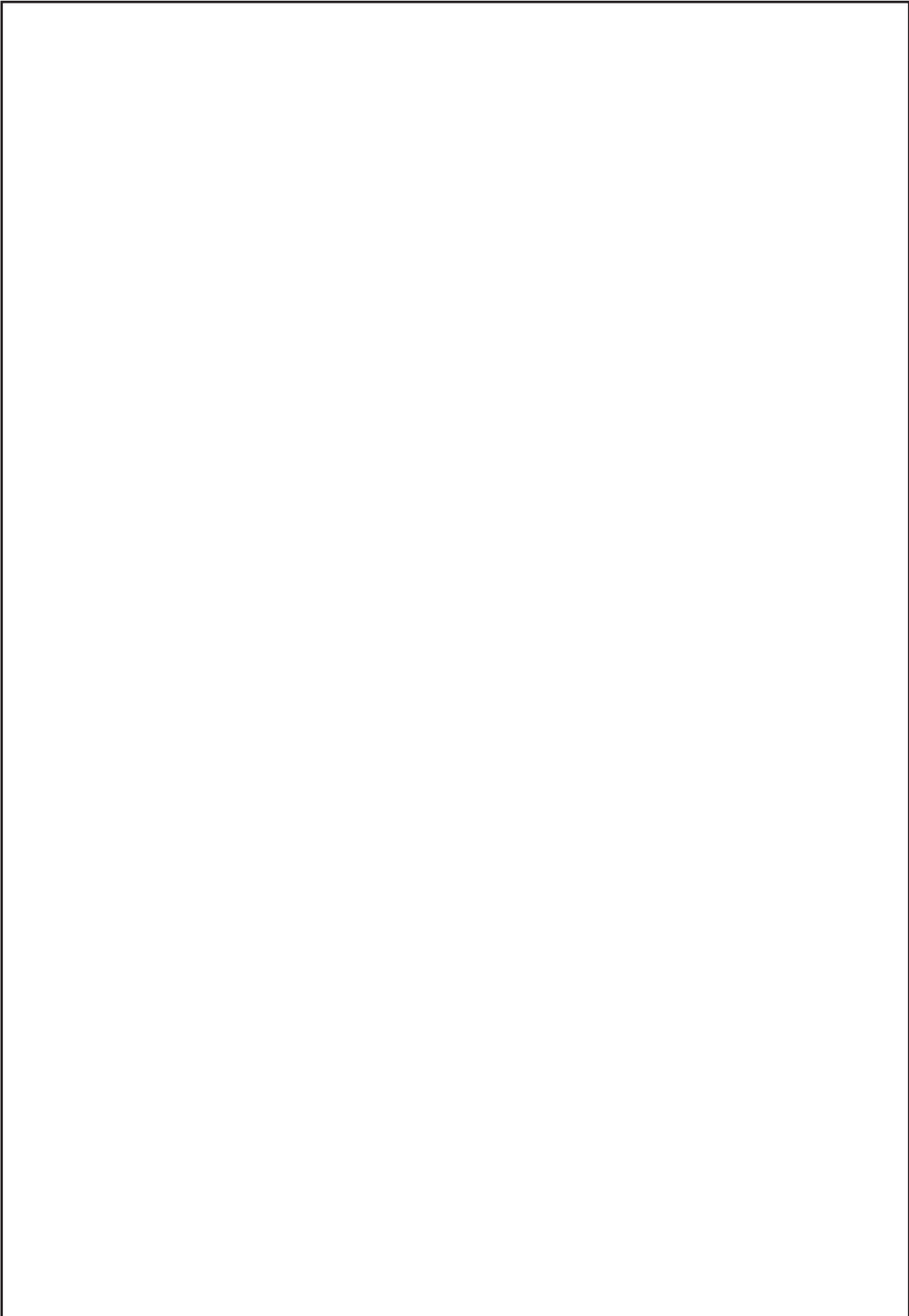


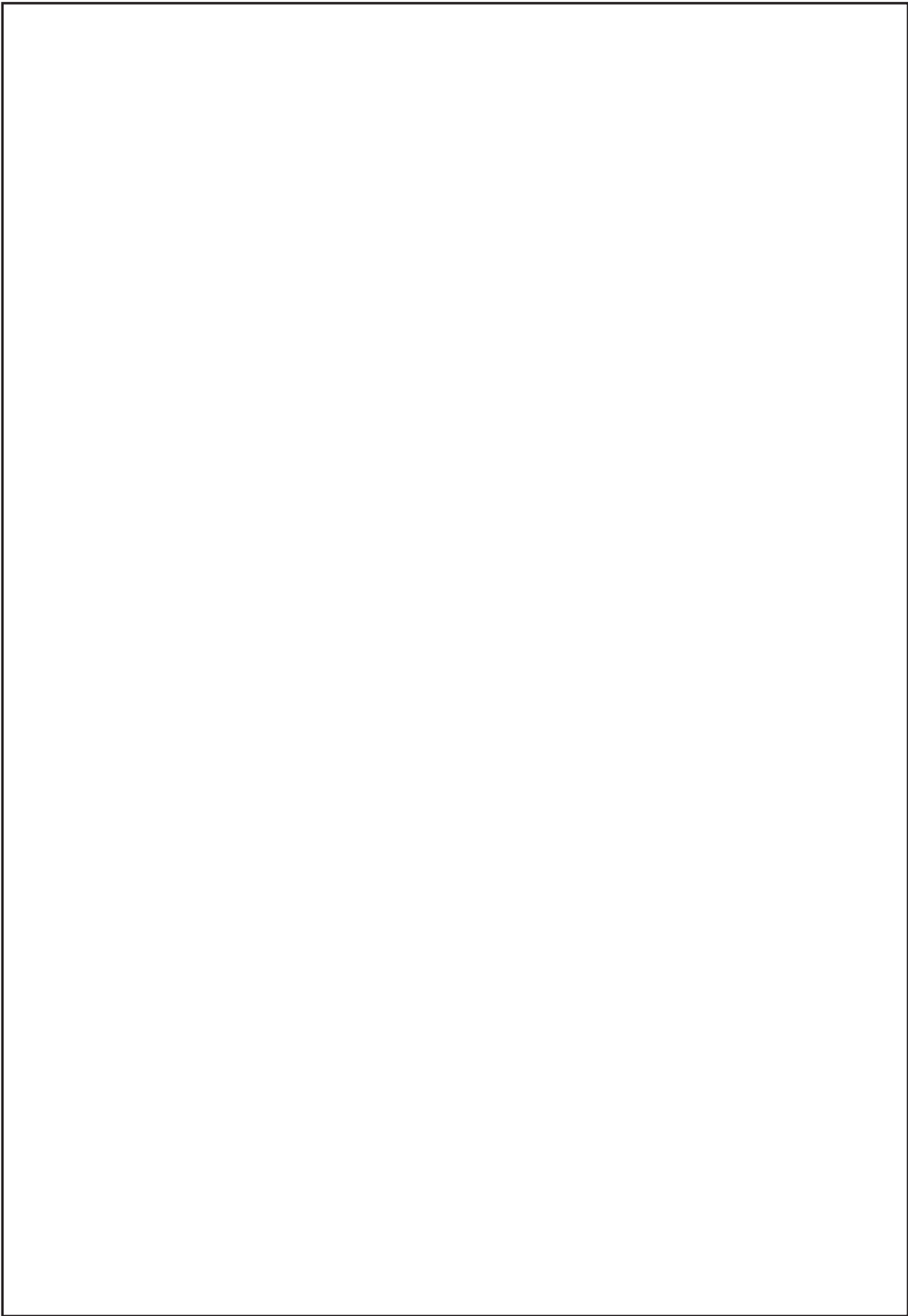




# Drilling Template Sheet : 2-3/4"(70mm) Backset







**Product information and customer service contact**

**SAMSUNG SDS**

SAMSUNG SDS Co.,Ltd., reserves the right to change availability of any item in this catalog, its design, construction, and/or its materials.

Copyright © 2019, SAMSUNG SDS Co.,Ltd. All right reserved.

Reproduction in whole or in part without the express written permission of SAMSUNG SDS is prohibited.