

SMART ROBOT VACUUM

HL1010

Instruction Manual

Please keep this user manual in your sight
read it thoroughly and carefully before using this product.

Table of Contents

1. Important Safety Instructions

1.1 Safety Advice and Warnings.....	01
1.2 Battery and Charging/ Information.....	03

2. About Your Robot

2.1 Package Contents.....	04
2.2 Main Body.....	05
2.3 2-in-1 water tank	06
2.4 Remote Control (optional)	07
2.5 LED Indicators.....	07

3. Using Your Robot

3.1 Important Tips Before Use.....	08
3.2 Preparation.....	09
3.3 Charge Your Robot.....	10

4. Connecting Your Robot

4.1 Download Smart Life App.....	11
4.2 APP Connection.....	12
4.3 Use Your Robot with Amazon Alexa.....	18
4.4 Use Your Robot with Google Assistant.....	19

5. Common Functions & Operations

5.1 Start/ Stop Cleaning.....	20
5.2 Cleaning Mode.....	21

6. Regular Robot Care

6.1 Cleaning the 2-in-1 Water Tank.....	27
6.2 Cleaning Robot 's Filter.....	27
6.3 Cleaning Robot 's Common Accessories...	29
6.4 Clean the Sensors and Charging Pins.....	30
6.5 Battery Maintenance.....	30
6.6 Battery Replacement.....	31

7. Troubleshooting

7.1 Error Tones.....	32
7.2 Frequently Asked Questions.....	33
7.3 Wi-Fi Connection.....	35

8. Specifications

8. Specifications.....	36
------------------------	----

9. FCC Statement

9. FCC Statement.....	37
-----------------------	----

1. Important Safety Instructions

Robot Vacuum Cleaner

Dear customer:

We are deeply honored that you chose our products and would like to thank you for your purchase. Our products includes the latest technology in the market, allowing our products to offer you Efficiency, Easy Operation and Long Lasting Service when you use it. Also we made sure the design of our products is cool and the maintenance easy to make your life way simpler. Read these instructions carefully before using our robot vacuum cleaner and keep this manual for further reference. Failure to follow these instructions could lead to product failure or harm.

1.1 Safety Advice and Warnings

- This device is not intended for use by people (including children) with reduced physical, sensory or mental capacities, or people without experience or knowledge, unless they have benefited from surveillance or prior instructions regarding the use of the device by a person responsible for their safety.
- Cleaning and maintenance shall not be performed by children without adult supervision.
- This appliance is not a toy. Children should be supervised to ensure that they do not play with the appliance.
- This appliance contains accessories with rotary parts. Loose clothes, jewellery or long hair can be caught in moving parts. Dress properly. Do not wear baggy or loosehanging clothes or accessories. Keep your hair, clothing and gloves away from moving parts.
- This product is designed to be plugged into a standard outlet only. Product may not be used with any type of power converter. Use of power converters will immediately void the warranty.
- **CAUTION:** Only use Max 11.1V/Max 2600mAh Ni-MH or Max 2600mAh Li-ion Battery. Other type of batteries might cause bursting and therefore injuries.
- Always charge and remove the battery from your robot and accessories before long-term storage or transportation.
- The battery must be removed from this device before this device is disposed.

● **WARNING Chemical Exposure:** If the battery pack is leaking, do not let the liquid to come in contact with skin or eyes. If the liquid reached the skin or the eyes, wash the affected area with loads of water and contact your medical adviser. Place the battery (the used battery pack included when the robot will be disposed) in a sealed plastic bag and dispose of safely according to local environmental regulation.

● **WARNING Fire or Explosion Hazard:** Do not crush or dismantle battery packs. Do not heat or place the battery pack near any heat source or direct sunlight. Do not incinerate or short-circuit the battery pack. Do not subject batteries to mechanical shock.

● Contact your local waste management authority for battery recycling and disposal regulations in your area.

● This device is designed for indoor use only, please do not use it outdoor or under strong light environment.

● Do not use non-rechargeable batteries. Use only the rechargeable battery supplied with the product.

● Store and operate the device in room temperature environments only.

● The external flexible cable or cord of the power supply unit cannot be replaced; if the cord is damaged, the power supply unit shall be disposed of.

● Do not use robot to pick up sharp objects, glass, or anything that is burning or smoking.

● Do not immerse the battery pack in any liquid.

● Do not use this device to pick up spills of water bleach, paint, or other chemicals, or anything wet. Do not place anything on top of this device.

● Before using our robot vacuum cleaner, make sure that the floor is cleared of objects like clothes, papers, curtain strings or power lines. If such objects come in contact with the vacuum cleaner, the central may swallow it and block the robot.

● If the room to be cleaned contains a balcony, a physical barrier should be used to prevent access to the balcony and ensure safe operation.

● Be aware that this device moves around on its own. Take care when walking in the area where this device is operating to avoid stepping on it.

● Do not operate this device in areas with exposed electrical outlets on the floor.

● Do not use this device on an unfinished, unsealed, waxed or rough floor. It may result in damage to the floor and this device. Use only on hard floor surfaces or low-pile carpet.

● This device has been designed to be used on floors without scratching them. We still recommend that you test this device on a small area of the room to be cleaned to ensure no scratches are made before cleaning the whole room.

1.2 Battery and Charging/ Information

Lithium-ion Battery

Important: Lithium-ion batteries and products that contain Lithium-ion are subject to stringent transportation regulations. If you need to ship this product with the battery included for service, travel or any other reason, you **MUST** comply with the following shipping instructions:

- Remove the Lithium-ion battery from the product.
- Place a Piece of tape over the battery's metal charging contacts.
- Reinstall the battery (with the tape on it) in the product and secure the battery door.
- Package the product in its original packaging or in your own packaging that prevents any movement during transportation.
- Ship via ground transportation only (no air shipping).

Battery Storage

If storing robot off the Charging Dock, remove the battery first. Then store the robot and the battery in a cool, dry place.



The symbol on this product or its packaging indicates that this device cannot be disposed of as unsorted municipal waste. To dispose of such device, you need to use separate collection facilities. Contact your local authority for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps hazardous substances can leak into the groundwater and get into the food Chain, damaging your health and well-being. Please contact your local or regional waste authority for more information on collection, reuse and recycling programs.

Laser Safety Information

The laser sensor in this product meets the IEC 60825-1:2014/EN 60825-1:2014/ A11:2021 Standard for Class 1 laser products. Please avoid direct eye contact with it during use.

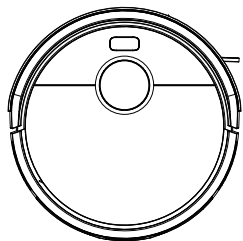
CLASS 1 LASER PRODUCT

CONSUMER LASER PRODUCT

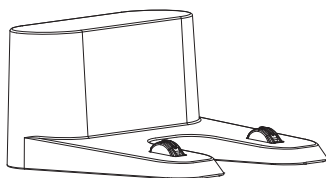
EN 50689:2021

2. About Your Robot

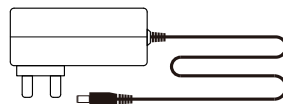
2.1 Package Contents



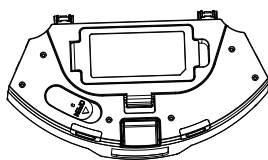
Robot Vacuum



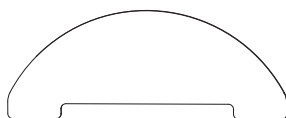
Charging Base



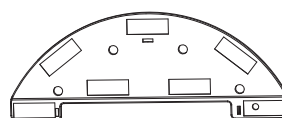
Adapter



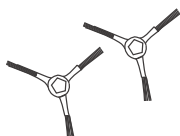
2-in-1 Dust & Water Tank



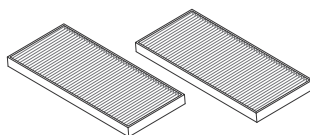
Mop Cloth*2
(1 Piece on the Mop Board)
(1 Piece in Package)



Mop Board



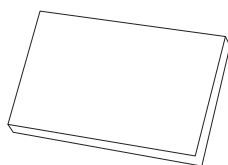
Side Brushes*2



HEPA*2
(1 Piece in Dust Box)
(1 Piece in Package)



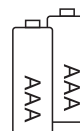
Cleaning Tool



User Manual



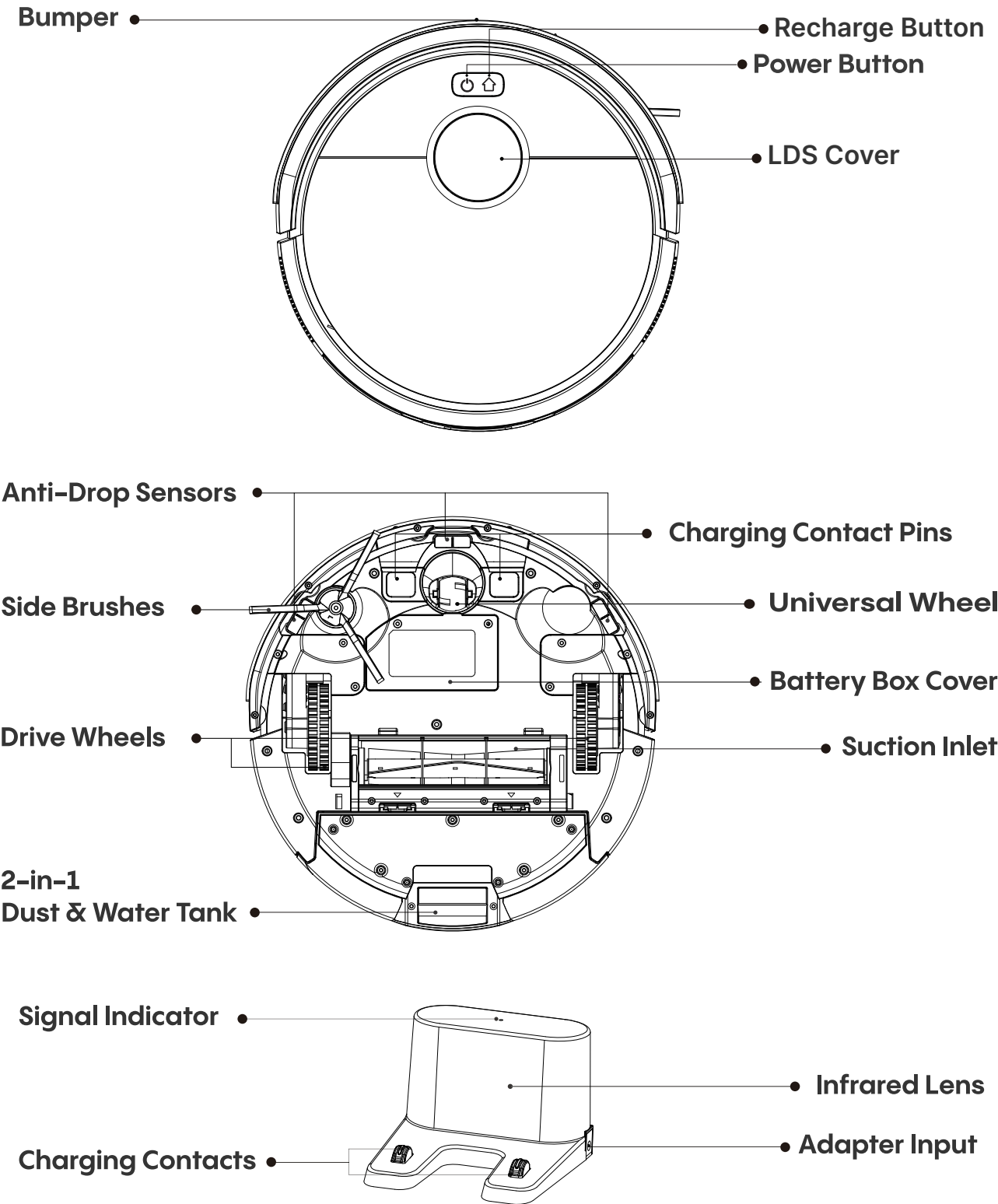
Remote Control
(optional)



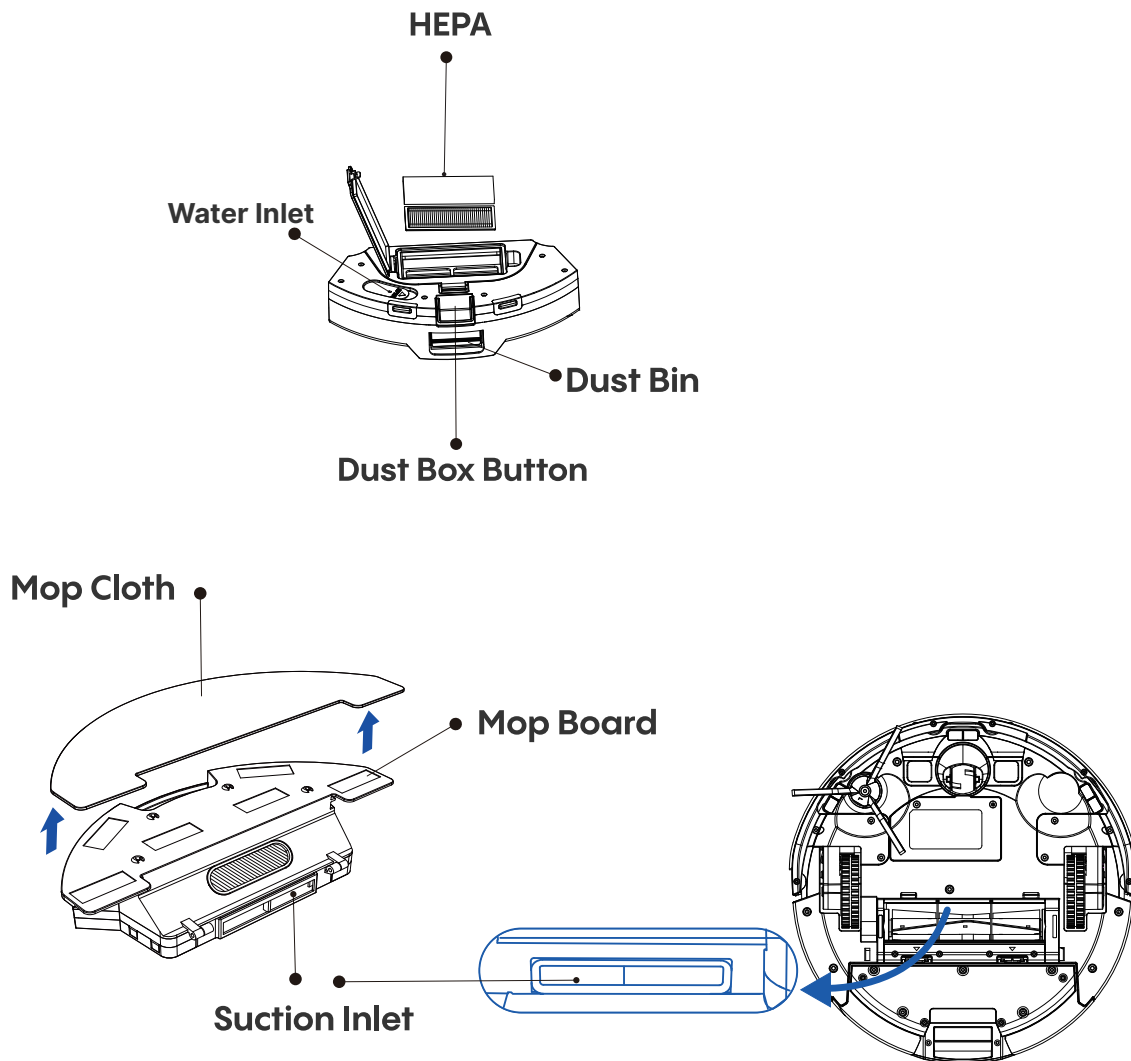
AAA Battery for
remote control x2
(optional)

2.2 Main Body

 Short press to start cleaning or pause the robot.



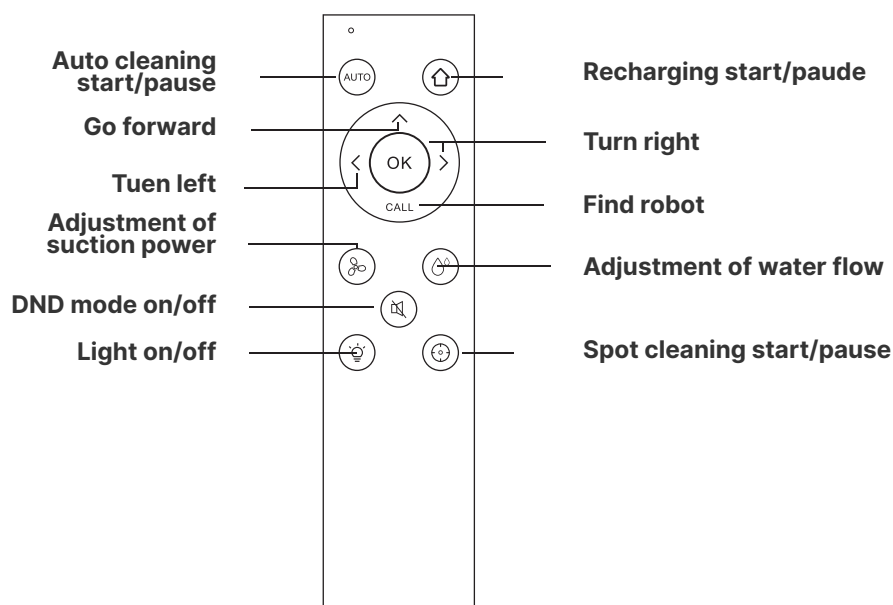
2.3 2-in-1 water tank



Note:

- Please check the accessories according to your product version.
- If you need buy other accessories and consumable supplies, please purchase in the official store.
- Do not add cleaning products such as detergents, disinfectants, solid detergents, etc.
 - Do not inject hot water to avoid corrosion and damage to the water tank.
 - After mopping is finished, please take out the mop stand in time, pour out the remaining water in the 2-in-1 water tank in time, and wash and dry the mop to avoid odor and mildew.
- ▲ The black filter can be simply washed and dried for further use.
- ▲ When not using the mopping function, remove the mopping cloth and sweep again.

2.4 Remote Control (optional)



Install 2 AAA batteries before using the remote control for the first time. Make sure the positive and negative ends are facing the correct polarity direction as marked in the battery compartment.

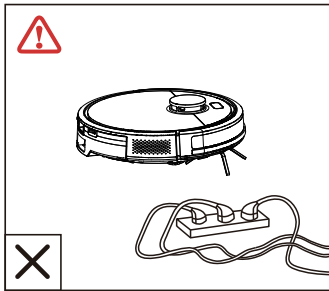
2.5 LED Indicators

You can see the status of Robot from the LED indicator.

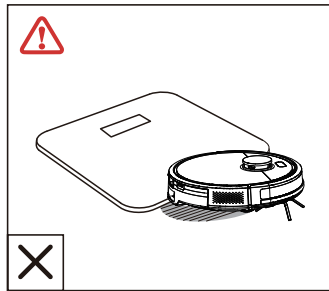
Status	Indicator Light
Working	Solid green light
Standby	Solid green light
Charging	Breathing green light
Fully charged	Solid green light
Error	Flashing red light
Sleeping	Light is off

3. Using Your Robot

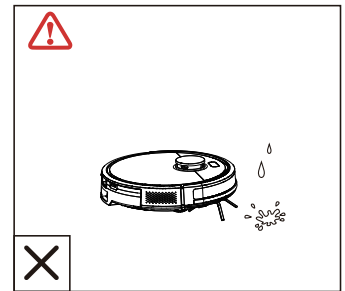
3.1 Important Tips Before Use



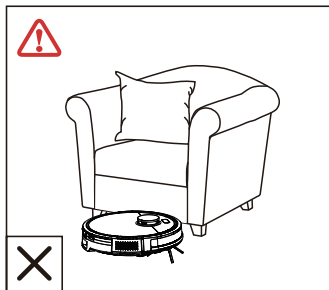
1



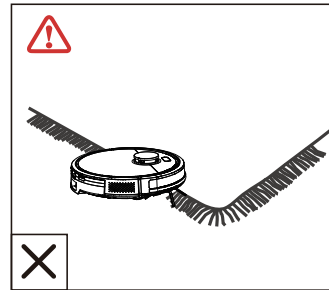
2



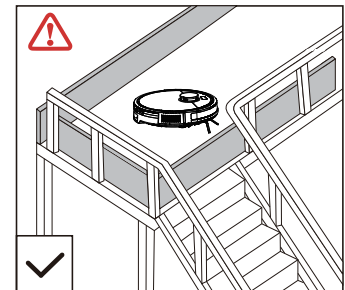
3



4



5



6

- ① Remove every objects that might entangle the Robot such as curtains stings, power cords, nails etc...
- ② Robot may climb on top of objects less than 0.47inch/ 12mm in height. Remove these objects if possible.
- ③ Keep Robot away from wet areas.
- ④ Keep Robot away from spaces lower than 3.54inch/ 90mm to prevent Robot from getting stuck. If necessary, place a physical barrier to block off the problem areas.
- ⑤ Fold tasseled edges of area rugs underneath to prevent tangling Robot. Avoid cleaning very dark-colored high-pile rugs or rugs thicker than 1.02inch/ 26mm as they may cause Robot to malfunction.
- ⑥ Anti-drop sensors prevent Robot from tumbling down stairs and steep drops. They may work less effectively if dirty or used on reflective/very dark-colored floors. It is recommended to place physical barriers to block off areas where Robot may fall.

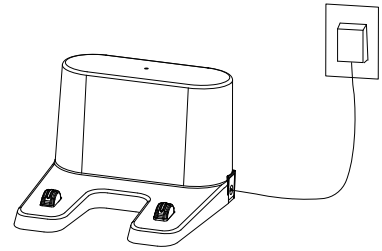


Place physical barriers in from of areas that might damage the Robot such as fireplaces, heaters, pools etc...

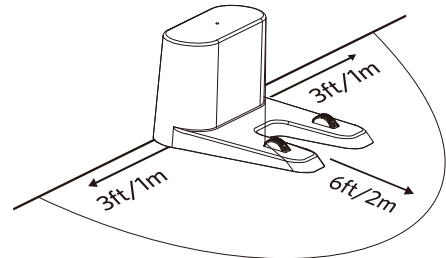
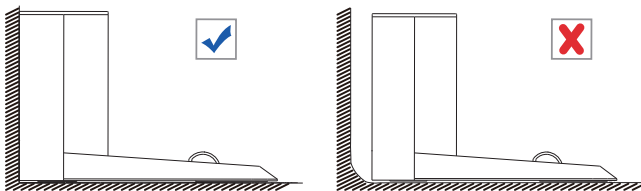
3.2 Preparation

- 1 Plug in the Charging Base, and organize the remaining wires so that they can not be touched while the Robot is working.

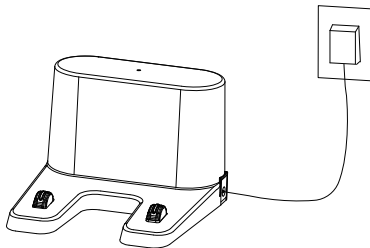
Note: If you do not tuck away the excess wires, they may snag the robot while charging or cleaning.



- 2 Charging Base Position Place the Charging Base on a hard, level surface and against a wall.
- 3 Remove objects within 3 ft/ 1 m of the left and right side and within 6 ft/ 2 m of the front of the charging base.

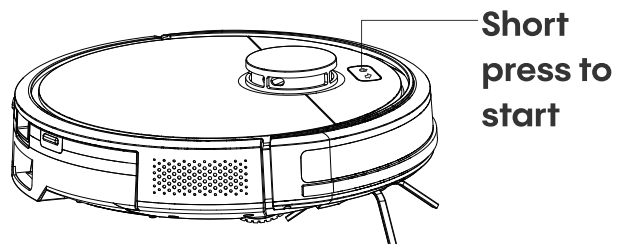
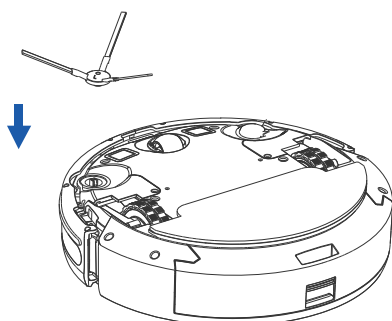


- 4 Connect the round connector of the adapter into the power socket on the Charging Base and the other end into a wall outlet.



- Install the Charging Base in a location that Robot can easily access. It is recommended to place the Charging Base against a wall, and on a hard-level surface rather than on rugs or carpets.
- Always keep the Charging Base plugged in, otherwise Robot won't be able to automatically find its way back to the charging base.

- 5 Please install the side brush and lock the screw before use. Remove the foam block next to the bumper.
- 6 Press the power  button for 5 seconds to turn on the robot.

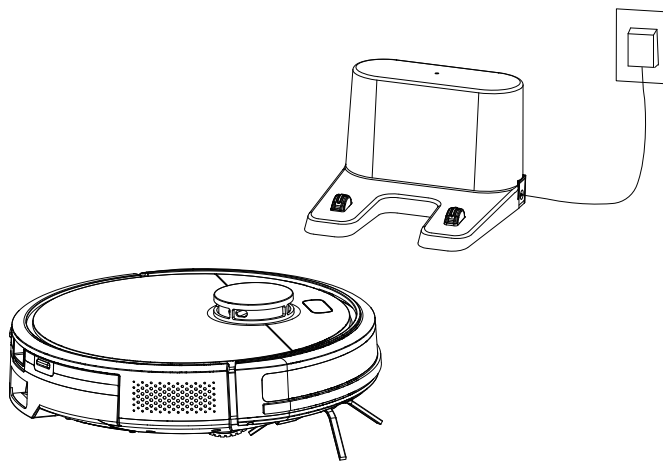


3.3 Charge Your Robot

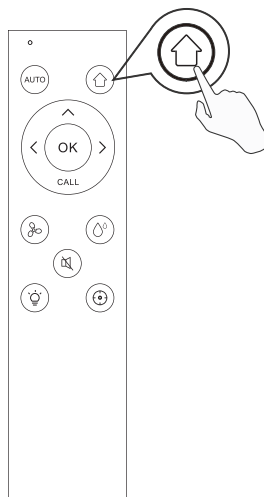
● Robot has a pre-installed rechargeable battery ,Can be charged using a charging dock

Robot returns to the Charging Base at the end of a cleaning cycle or when its battery is running low.

Method 1: Connect the robot to the charging base by matching the charging pins on the robot with the charging pins of the base.



Method 2: Press  on the remote control to return robot to the Charging Base.



-Turn off the main power switch if the robot is not intended to be used for a long time.
-To ensure a longer battery lifespan, charge it at least once every 3 months.

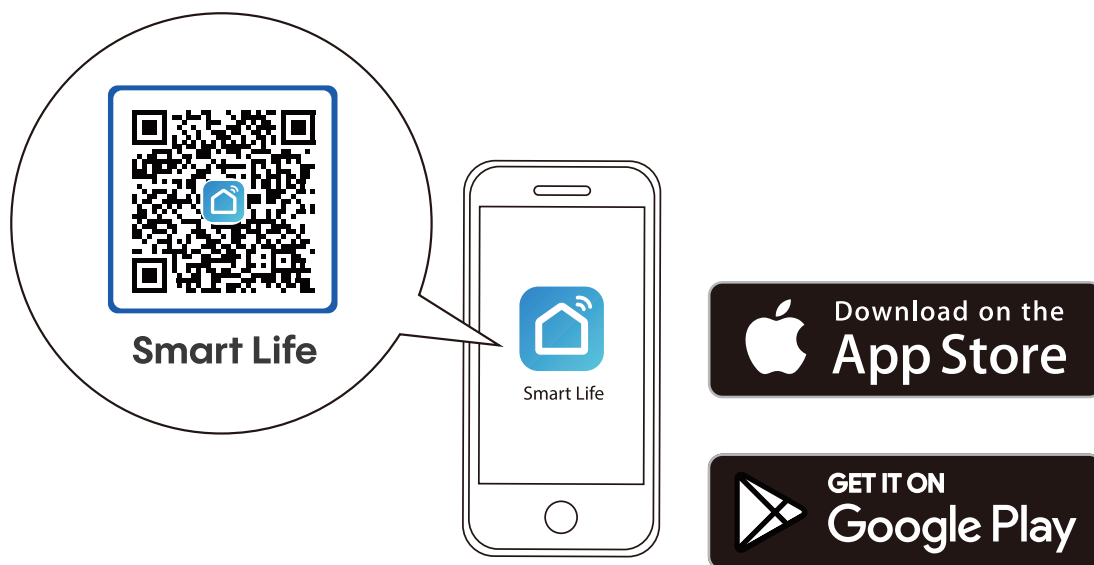
4. Connecting Your Robot

4.1 Download Smart Life App

To enjoy all available features, it is recommended to control your robot via the Smart Life App.

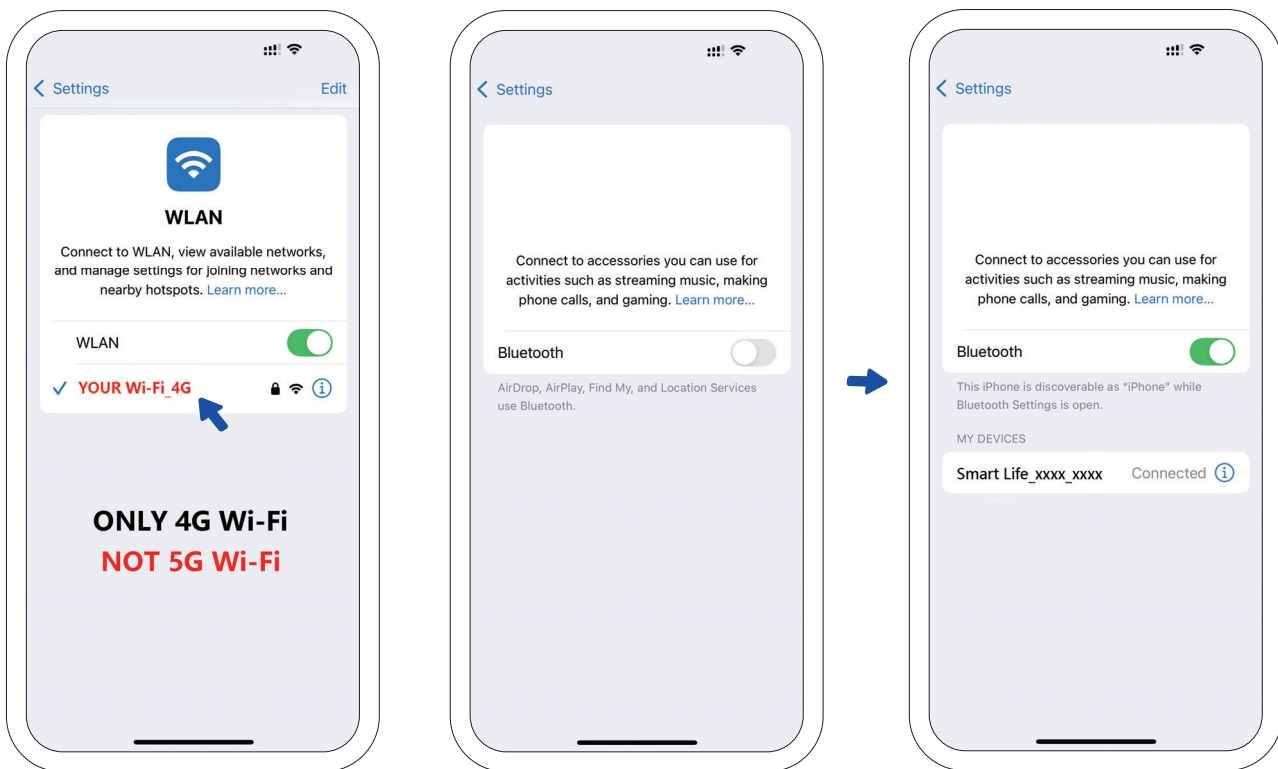
Before you start, make sure that:

- Your smartphone or tablet is connected to a Wi-Fi network.
- Your smartphone or tablet is running with **iOS 12.0 (or above) or Android 6.0 (or above)**.
- The 2.4 GHz band wireless signal (**NOT 5GHz**) is enabled on your wireless router.
- The Wi-Fi status light on robot is flashing green.
- The robot is connected to the Charging Base to ensure it has enough power during setup.



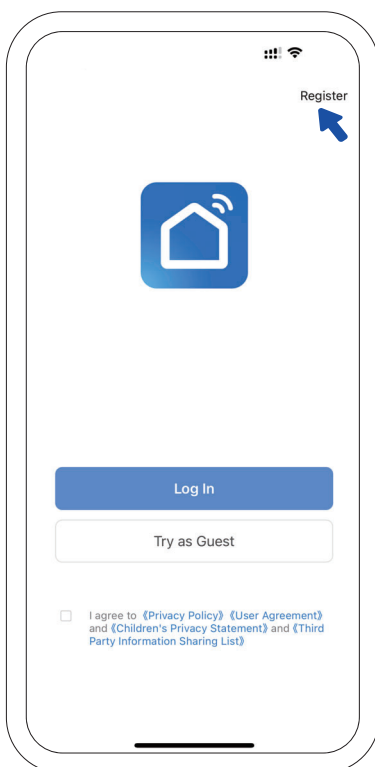
1. Download the Smart Life App from the App Store (iOS devices) or Google Play (Android devices).
2. Open the app and create a user account.
3. Tap the "+" icon to add RoboVac to your Smart Life account.
4. Follow the instructions in the app set up the Wi-Fi connection.
 - After connecting successfully, you can control robot via the App.
 - With the App, you can select a cleaning mode, set the time, schedule a cleaning, view the system status, receive notifications and access additional features.

4.2 APP Connection

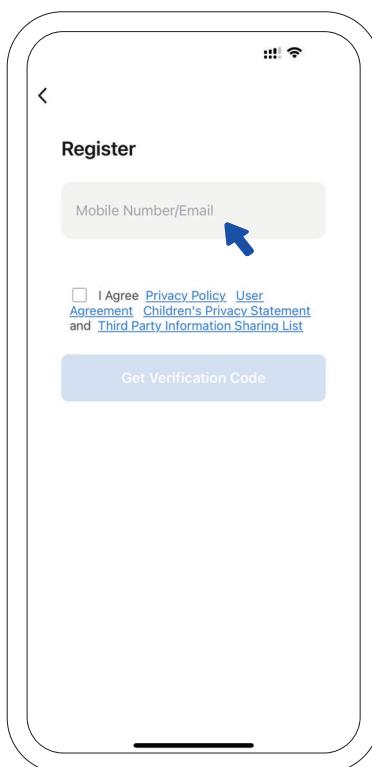


① Turn on WLAN and connect Your WIFI, **ONLY 2.4G Wi-Fi**, NOT 5G Wi-Fi.

② Turn on Bluetooth on your Phone or Pad.



③ Open the Smart Life APP and Register a user account.



④ Register your account with the mobile phone number or E-mail ID.

● Please connect the **2.4G Wi-Fi** network and turn on the Bluetooth before performing the pairing between the Robot and the Smart Life APP.

● Enter the Smart Life APP and register a new account with your mobile phone number or Email ID.

(1) Reset the Wi-Fi Connection

● Smart Life APP and Robot have 3 connection modes.

① Quick Connect Mode

② EZ Mode

③ AP Mode

● Press  button and  button for 3 seconds and hear one Beep to turn on the Robot.

You can choose "Quick Connect Mode", "EZ Mode" or "AP Mode" for WiFi connection according to your actual needs and follow the instructions on the APP page.

● **Quick Connect Mode or EZ Mode:** Press and hold  buttons and  buttons at the same time for about 3 seconds until you hear one beep. The WiFi Indicator Light flashes quickly and the ROBOT enters into Quick Connect or EZ network configuration mode.

● **AP Mode:** Press and hold  buttons and  buttons at the same time for about seconds, after you hear one beep. The WiFi Indicator Light flashes quickly and the ROBOT enters into AP network configuration mode.

(2) Wi-Fi Status Light

Status		Indicator Light
	WIFI is not connected or WIFI connected fails	The power light is flashing green
	Quick Connect/ EZ-Mode	The power light is flashing green
	AP-Mode	The power light is flashing green
	WIFI successfully connected	The power light is green solid

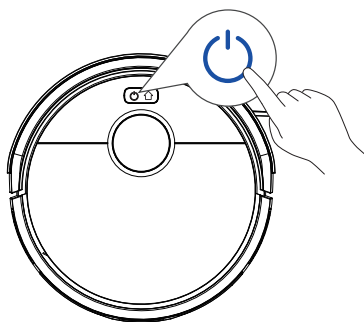
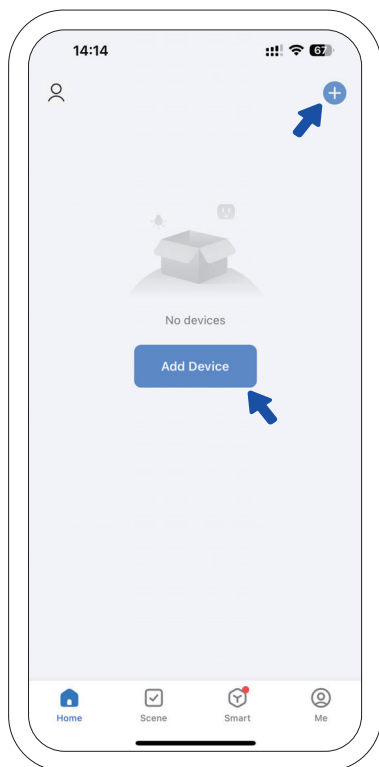
Tip: In order to increase the success rate of network distribution, please turn on the Bluetooth of your mobile phone.



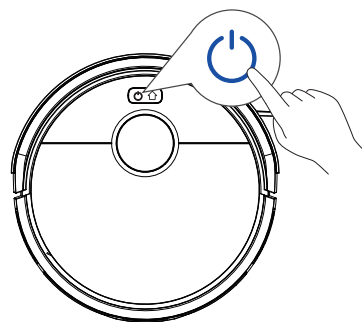
- If you have any problems during the Wi-Fi setup process, refer to the "[Trouble-shooting > Wi-Fi connection](#)" section in this Manual.
- If robot gets stuck in any space, tap [Find My Robot](#) in the app to find the machine. This function is available in the app only.

[3] Quick Connect Mode / EZ Mode

Please connect 2.4G Wi-Fi network and turn on Bluetooth in advance.

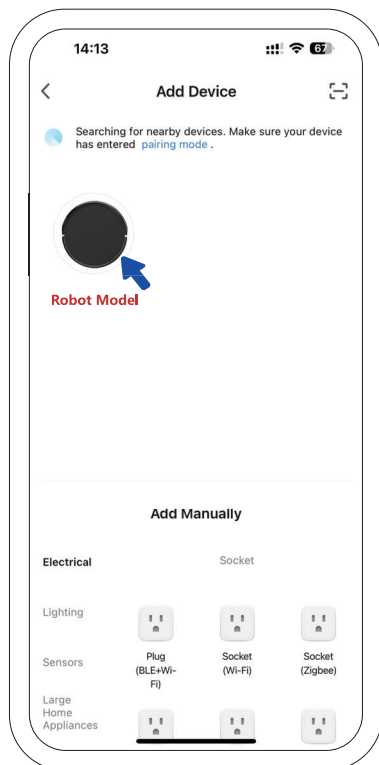


② Press the power  button for 3 seconds and hear one Beep to turn on the Robot.

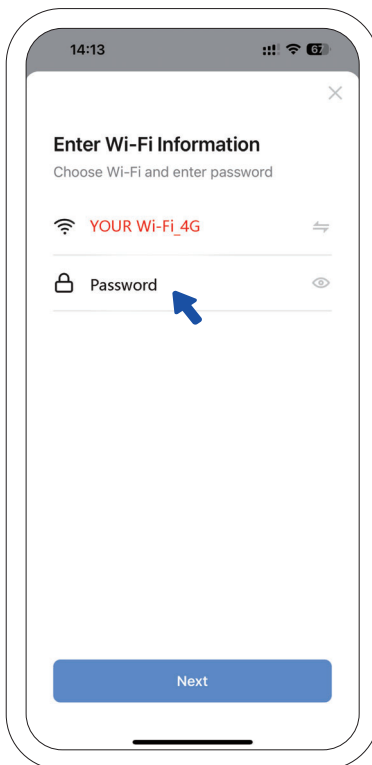


③ Press and hold  buttons and  buttons at the same time for about 3 seconds until you hear one beeps. The ROBOT enters into **Quick Connect network** configuration mode or **EZ Mode**.

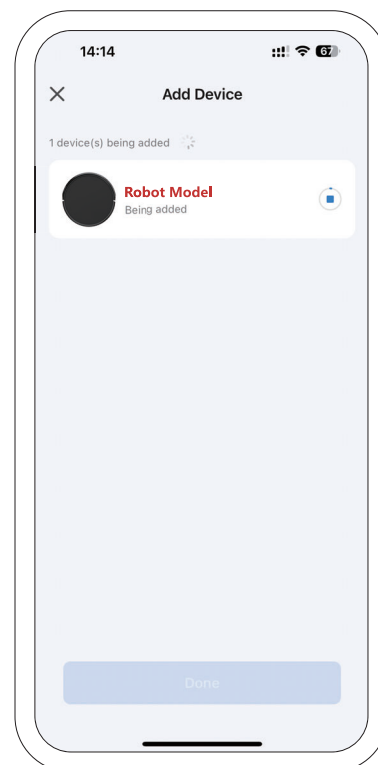
① After registration and login, click the "+" sign in the upper right corner, or click the **"Add Device"**.



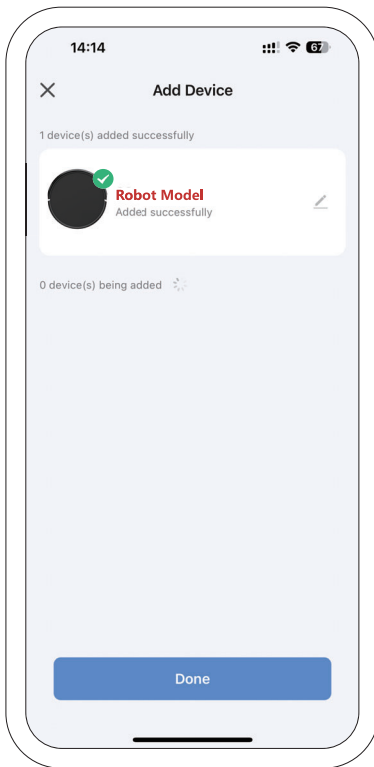
④ Wait a moment and click on **"Robot Model"**.



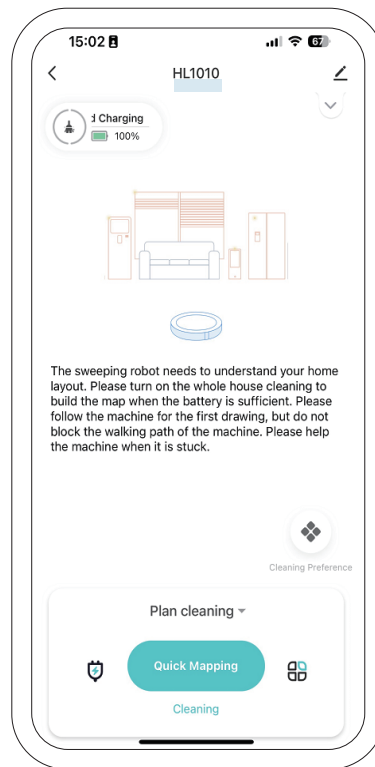
⑤ Select your **2.4G Wi-Fi** and enter the password.



⑥ Being added.



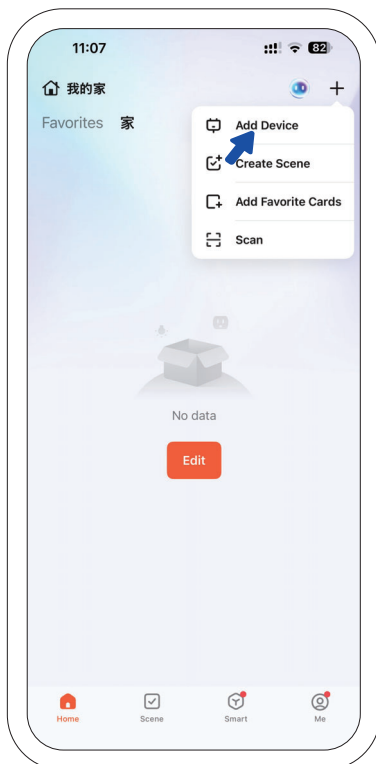
⑦ Added successfully.



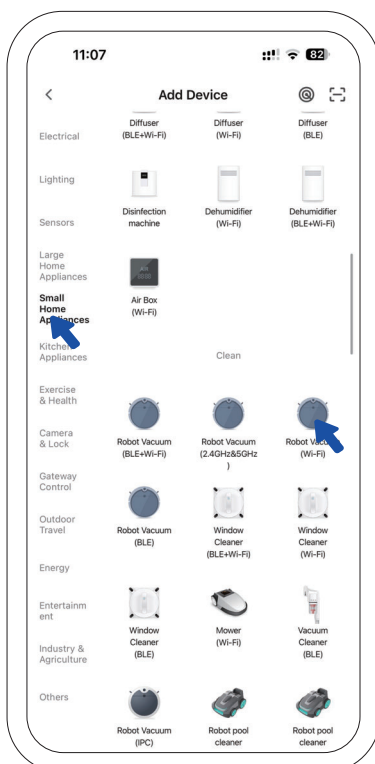
⑧ Click on Quick Map Creation, and the robot will start creating maps.

[4] AP Mode

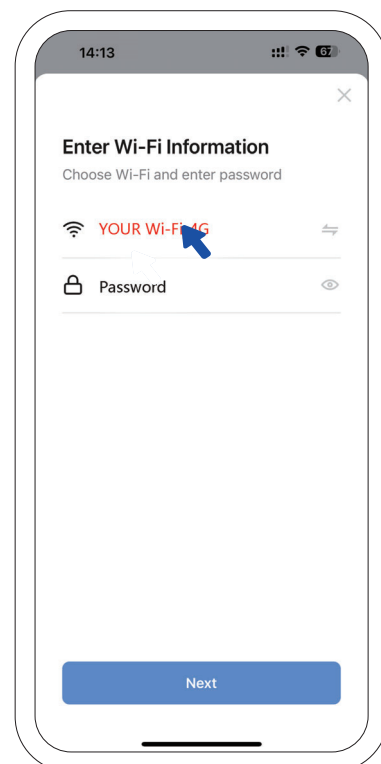
Please connect 2.4G Wi-Fi network and turn on Bluetooth in advance.



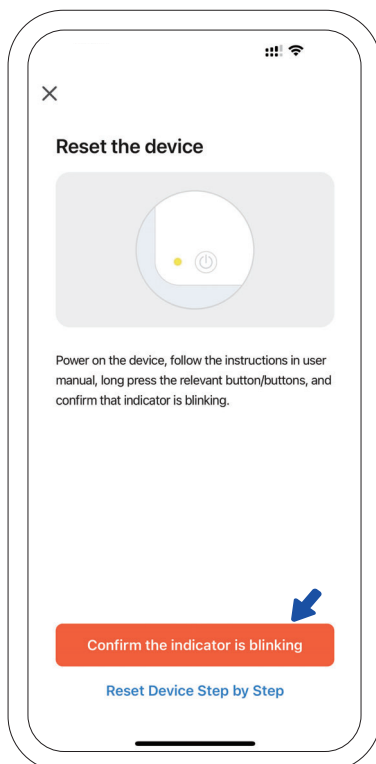
① After registration and login, click the "+" sign in the upper right corner, click the "Add Device".



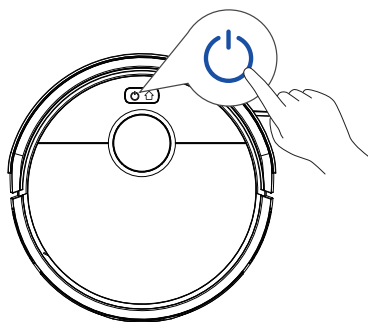
② Among the Small Home Appliances, choose **Robot Vacuum (Wi-Fi)**.



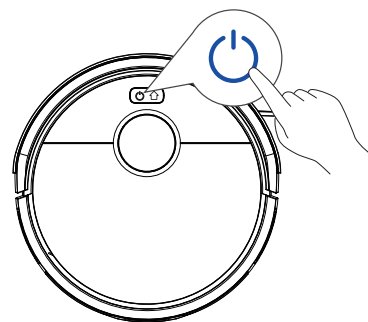
③ Select your **2.4G Wi-Fi** and enter the password.



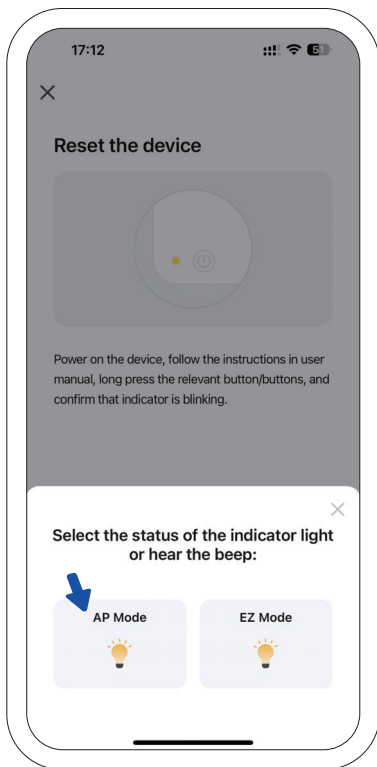
④ Confirm the indicator is blinking.



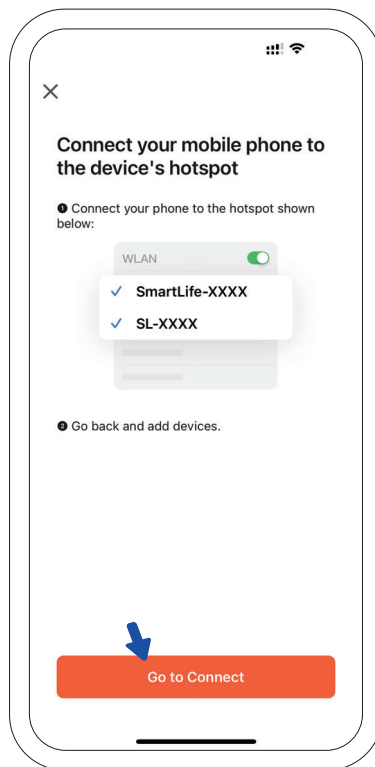
⑤ Press the power button for 3 seconds and hear one Beep to turn on the Robot.



⑥ Press and hold power button and home button at the same time for about 3 seconds until you hear one beeps. The ROBOT enters into AP network configuration mode.



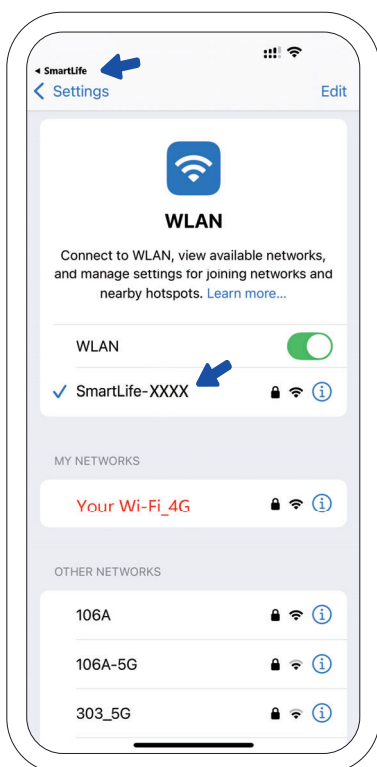
⑦ Select AP Mode.



⑧ Go to connect **SmartLife-XXXX**.

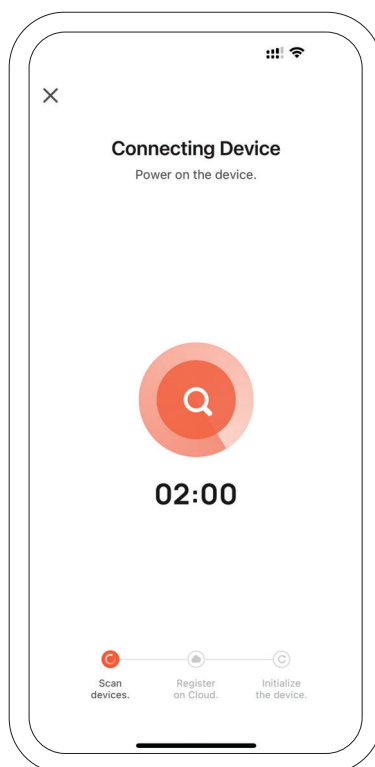


⑨ Select **SmartLife-XXXX**.

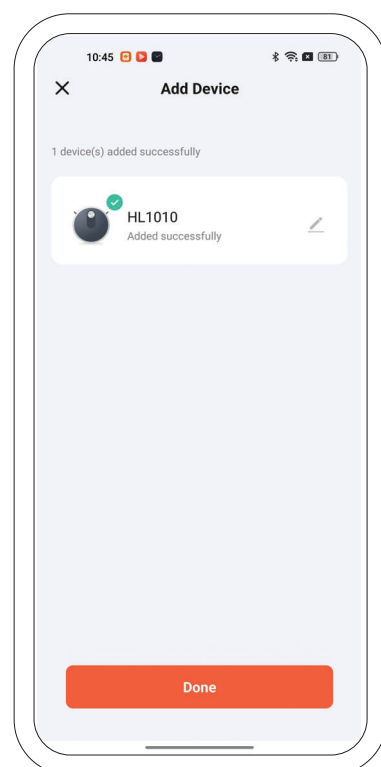


⑩ **iOS**: Once connected to **Smart Life_XXXX**, tap into **"Smart Life"** and go back to the APP for pairing.

⑩ **Android**: After connecting **Smart Life_XXXX**, tap the **"Back Button"** to return to the APP for pairing.



⑪ Device pairing in progress.



⑫ Pairing was successful.

4.3 Use Your Robot with Amazon Alexa

Amazon Alexa or the Google Assistant is a smart voice control device that enables you to control robot with your voice.

Before you start, make sure that:

- The robot is connected to the Charging Base to ensure there is enough power.
- The robot is connected with the Smart Life App.
- You have an Alexa-enabled device (i.e. Amazon Echo, Echo Dot and Amazon Tap, Echo Show, Echo Spot) . These devices are sold separately.
- The Amazon Alexa App is already installed on your smart device, and you have created an account.

To control Robot with Amazon Alexa

- Open the Amazon Alexa app and select "Skills & Game" from the  menu.
- On the [Skills](#) screen, search for "Smart Life HOME".
- Once you have found the "Smart Life HOME" skill, tap [Enable](#).
- Login with your Smart Life account so that Alexa can control your robot.
- Say simple commands to Alexa.

