

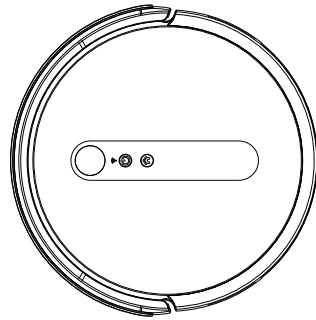
ROBOT VACUUM CLEANER

User's Guide

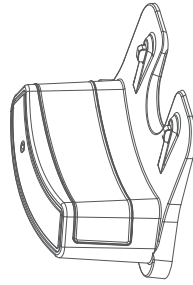
Clean·So·ex·cel·lent

The component of product

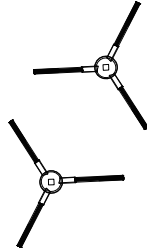
1. Package List



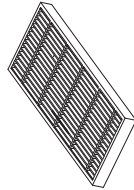
Robot Vacuum



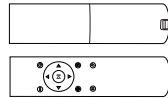
Charging Dock



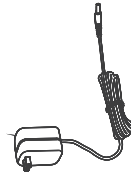
2X Side Brushes



Sponge Filter



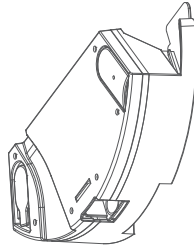
Remote Control



Adapter



Cleaning Tool



water tank

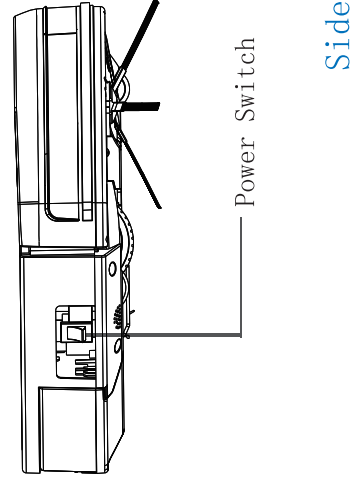
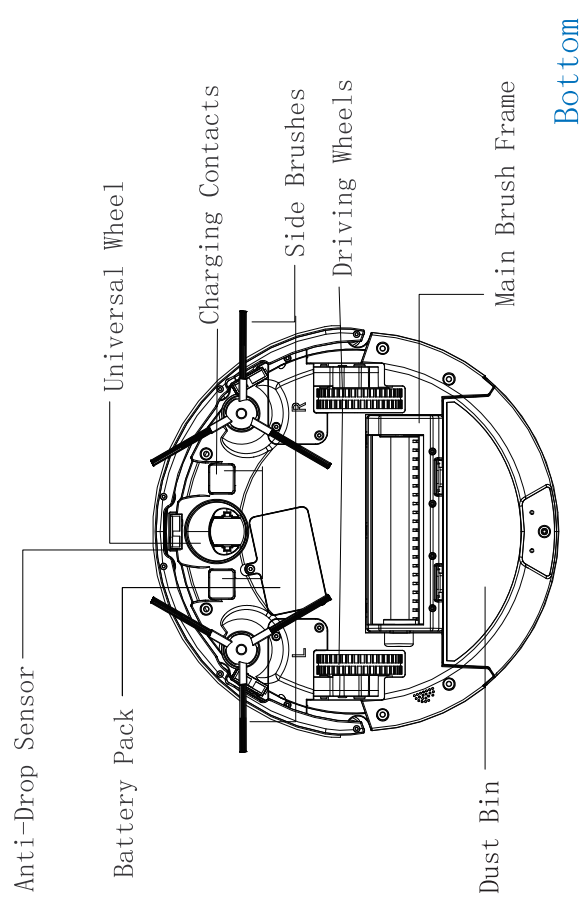
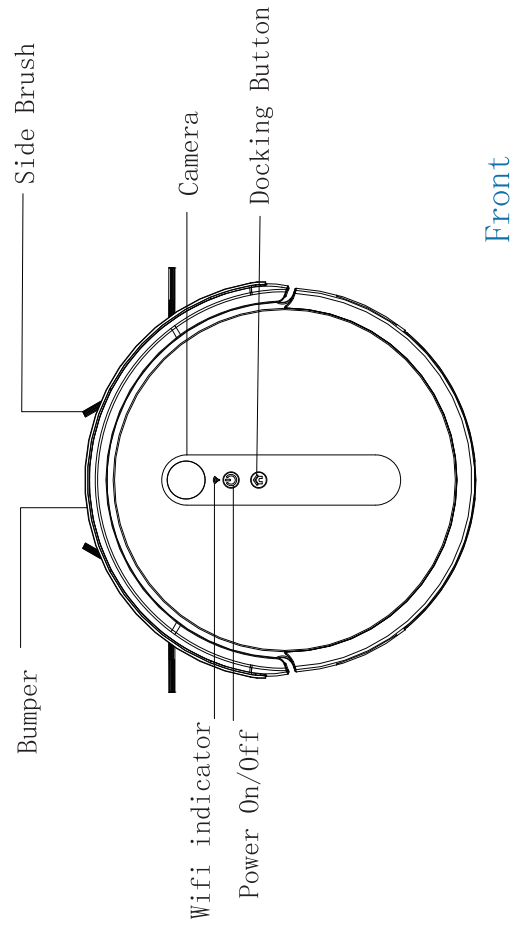


microfiber cloth

The component of product

2. Product Diagram

Robot Vacuum



Products use

Dust Bin

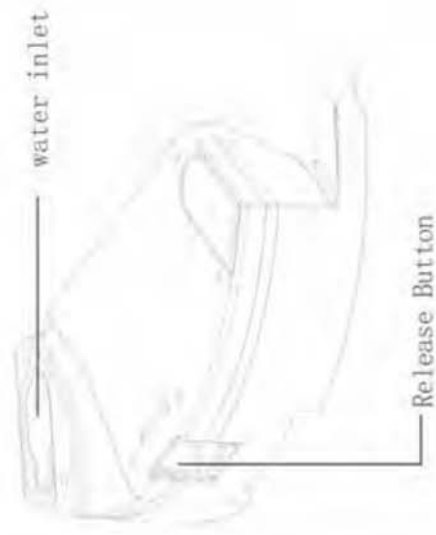


Charging Dock



Front

water tank



Side

Safety Information

1. The product should not be used by children under 8 years old or persons with reduced physical or mentally disabled alone. Please be sure it's under the instruction and supervision of the guardian if they need to use the product. Children and pets shall not ride on or play with the product.
2. 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.
3. If the room to be cleaned has a balcony or stairs, a physical barrier should be used to prevent access to the balcony or stairs and to ensure safe operation.
4. Do not use the Robot Vacuum in an environment above 104 ° F or below 32 ° F.
5. Do not use the Robot Vacuum around the fire or fragile objects.
6. Do not use the Robot Vacuum to pick up any flaming objects (such as lit cigarette butts).
7. Do not use the Robot Vacuum on a wet or sticky floor.
8. Do not put your hair, clothes or any part of your body close to the running parts of the Robot Vacuum when the Robot Vacuum is working.
9. Do not let the Robot Vacuum pick up objects in a big size that may block the suction port. When the suction port is blocked, please clean it in time to ensure the suction port is smooth and smooth.
10. Do not block the suction port, please clean the dust, cotton wool, hair, etc. at the suction port in time and ensure air circulation at the suction port.
11. Do not use the Robot Vacuum to pick up any sharp objects (such as glass, nails, etc.).
12. Do not use a damaged charging dock. If the charging dock is damaged, it must be repaired by a professional or changed into a new one in order to avoid any danger.
13. Please follow the instructions in the manual. The responsibility for any loss or injury caused by improper use of the user will be on the user side.

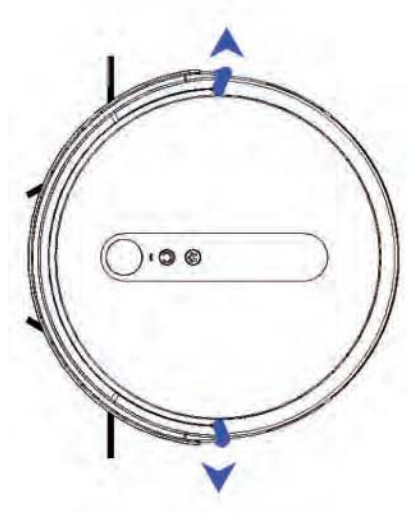
Product Maintenance and Disposal

1. Make sure that the roller brush, side brush and dust box are all installed in place before using the Robot Vacuum.
2. Do not use any third-party charger or charging dock.
3. Unplug the product from the outlet and turn off the power switch before cleaning and maintaining the product.
4. Do not wipe or clean the charging contacts with a damp cloth or wet hands.
5. If the power cord is damaged, please contact customer service to replace it with a regular cord in order to avoid danger.
6. If the product will not be used for a long time, please power off the product to protect the battery.
7. Before discarding the product, remove the product from the charging dock, turn it off and remove its battery. Discarded batteries must be disposed of in accordance with local laws and regulations.
8. Do not burn down the product no matter how much it is damaged, because the battery of the product may cause an explosion.

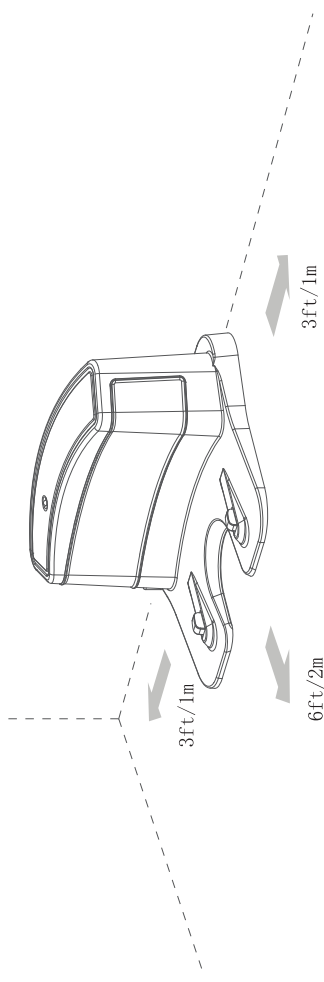
Products use

1. Preparation

- Remove objects on the floor (such as loose paper, power cord etc.) : Prevent the Robot Vacuum from dragging or suck in the objects which may block the suction port.
- Remove the EVA sponge in each side



- Place the Charging Dock
- Place the charging dock on a hard, level surface and against a wall. 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. Connect the round connector of the adapter into the power socket on the Charging Dock and the other end into a wall outlet. When the Charging Dock connects to AC power, the LED indicator on the Charging Dock is Lit. (please do not place the power cord on the floor)



Note:

Please avoid direct sunlight on the charging dock.

When there are highly reflective items around the charging base, please remove or cover the bottom 10cm.

It is recommended to place the charging dock in a fixed position, and do not move the charger during the cleaning, or the robot vacuum will not be able to find the charging dock for charging.

Products use

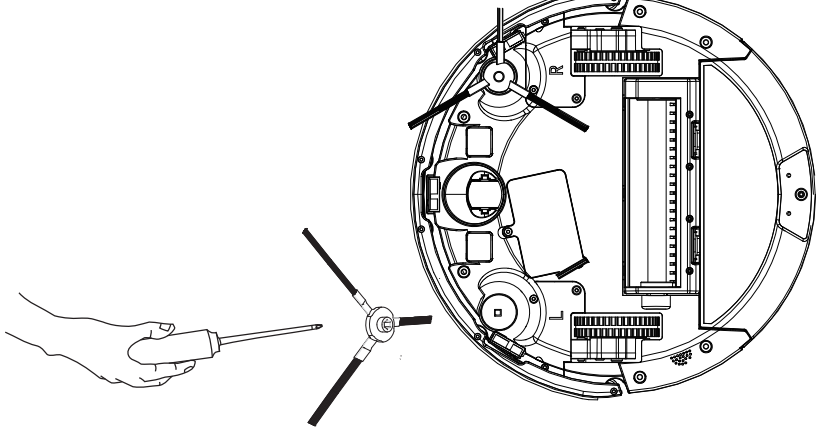
This product is not compatible with any adapter, battery and charger from other brands or models. It may cause product damage, electric shock or fire hazard if those are applied to our robot vacuum.

Unplug the product before maintenance.

Do not touch the power plug or the product when your hands are wet to avoid electric shock. If the cord of the power adapter is damaged, please stop using the product and contact the manufacturer or customer service to look for professional advice.

- Install Side Brushes

Install the side brushes on both sides of the bottom with the screwdriver



2. Operation

• Charging

1. Ways of charging: Direct Charging, Auto Charging, Remote Control Charging, Manual Charging

A. Direct Charging: Connect the charging base to the power source, and align the charging contacts under the bottom of the machine with the charging contacts on the charging base to charge the Robot Vacuum

B. Auto Charging: The Robot Vacuum will find its way back to the charging dock by itself when the battery is below 10% during working

C. Remote Control Charging: Press "charging button" on the remote control to return the Robot Vacuum to the Charging Dock.

Tips:

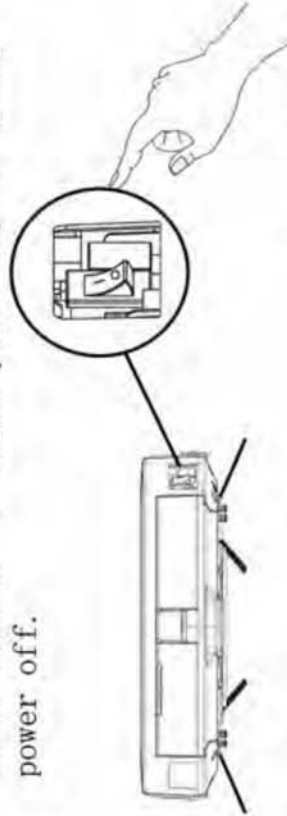
1. Run out of power and then recharge it until fully charged to extend battery life. The first charge takes about 5 hours.
2. Keep the charging dock powered; or the Robot Vacuum cannot find the charging dock to recharge.
3. It is normal that the Robot Vacuum does not react when pressing the side switch during charging.

2. Home Button Indication in Charging

Situation	Home Button on Robot Vacuum
Low power/Back to charge	Flashing green light
Charging	Breathing green light
Charging finished	Green light stays on for 10 minutes, then off

• Power On/ Pause/ Power Off

1. Turn on the power switch on the side of the Robot Vacuum. "1" means power on, "0" means power off.



2. Press the power button on the panel of the Robot Vacuum to start cleaning. (in " " cleaning mode)

3. Press the power button again to stop cleaning (the Robot Vacuum stays in power saving).

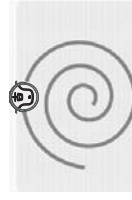
4. The Robot Vacuum will enter standby sleeping mode if is not used after leaving the charging dock. If the Robot Vacuum will not be used for a long time, please turn off the power switch.

• Cleaning Modes



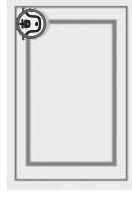
Auto Cleaning

The Robot Vacuum works in auto cleaning mode when it's turned on and will cleaning rooms in a “ pattern, it will adjust routes by itself according to the situations.



Spot Cleaning

The Robot Vacuum intensively cleans a specific area in a spiral pattern, which is useful if there is a concentrated area of dust or debris.



Edge Cleaning

The Robot Vacuum cleans along the wall and around furniture legs to ensure the edge is cleaned thoroughly.

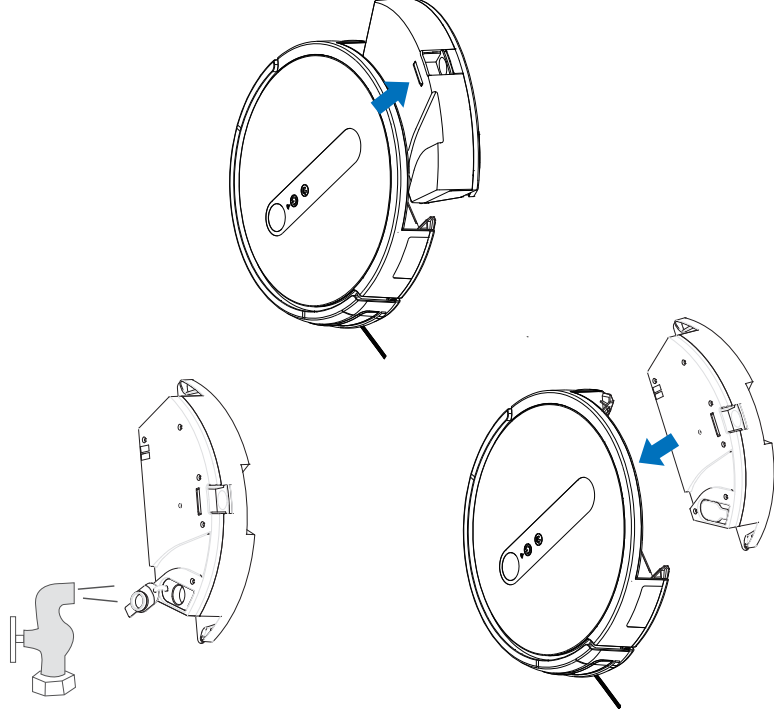
Schedule Cleaning



The Robot Vacuum has cleaning schedule settings which allow you to customize when the Robot Vacuum cleans your home, just set the time with mobile phone APP.
(Note: Schedule Cleaning will work in Auto Cleaning Mode)。

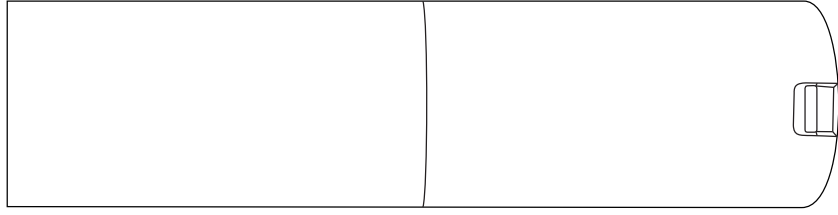
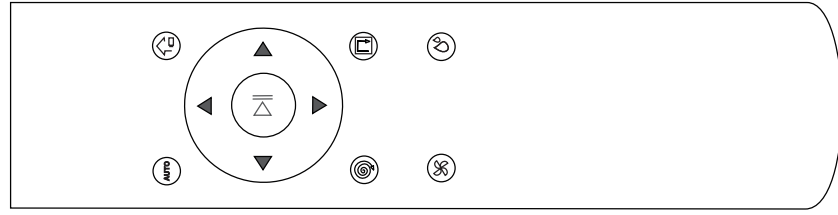
• Install the water tank

1. Open the water inlet of the tank and inject appropriate amount of water.
2. Remove the dust box and replace it with a water filling tank.



Products use

• How to use Remote Control



AUTO Auto cleaning mode

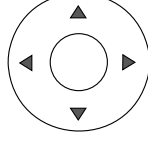
 Recharge

 Spot cleaning mode

 Edge cleaning mode

 Adjust suction power

 Water flow regulation



Direction control



Pause

Please install 2 no. 7 batteries before use

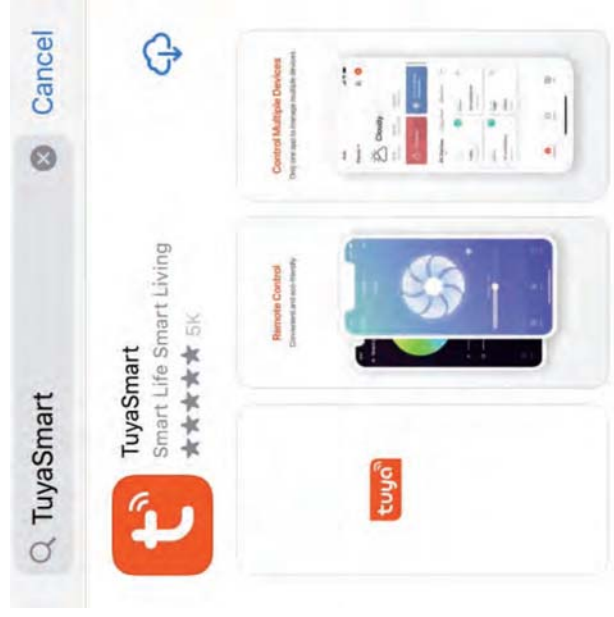
Products use

• APP Instruction

Note: App can only work when it's connected with internet, please make sure your home network is performing well.

Download:

- 1.For IOS phones, search for “TuyaSmart” in the App Store to download;
- 2.For Android phones, search for “TuyaSmart” in the app store to download.



Registration:

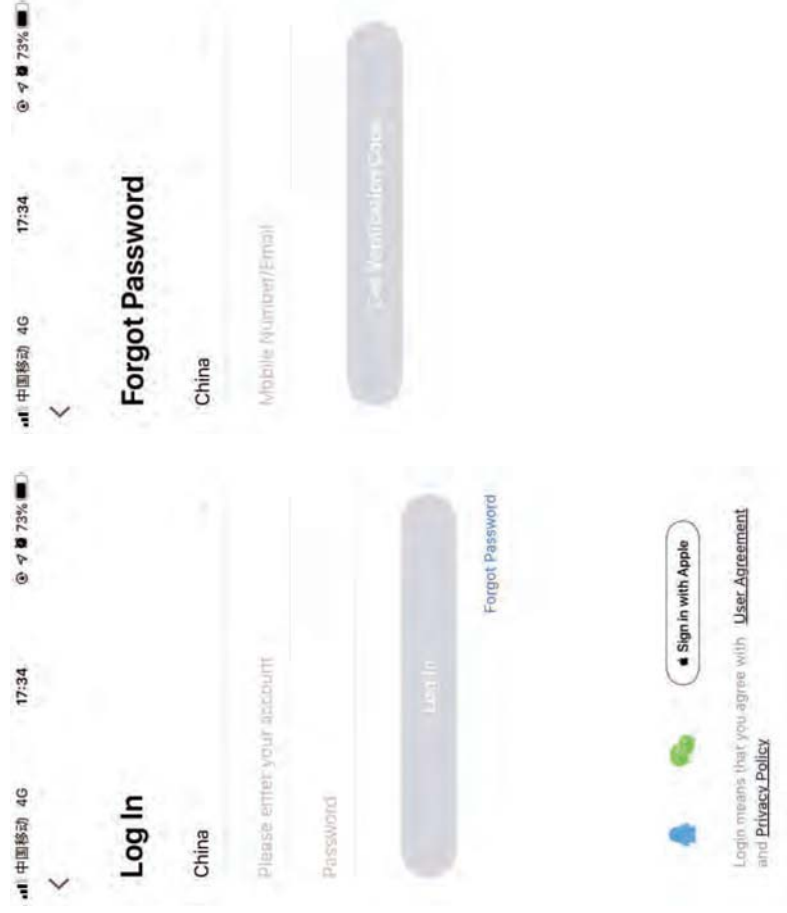
As a new user, you need to enter the registration page by clicking “Create a new account”, fill in an unregistered mobile phone number/email, and set a login password by obtaining a verification code. You can log in after completing the registration.



Products use

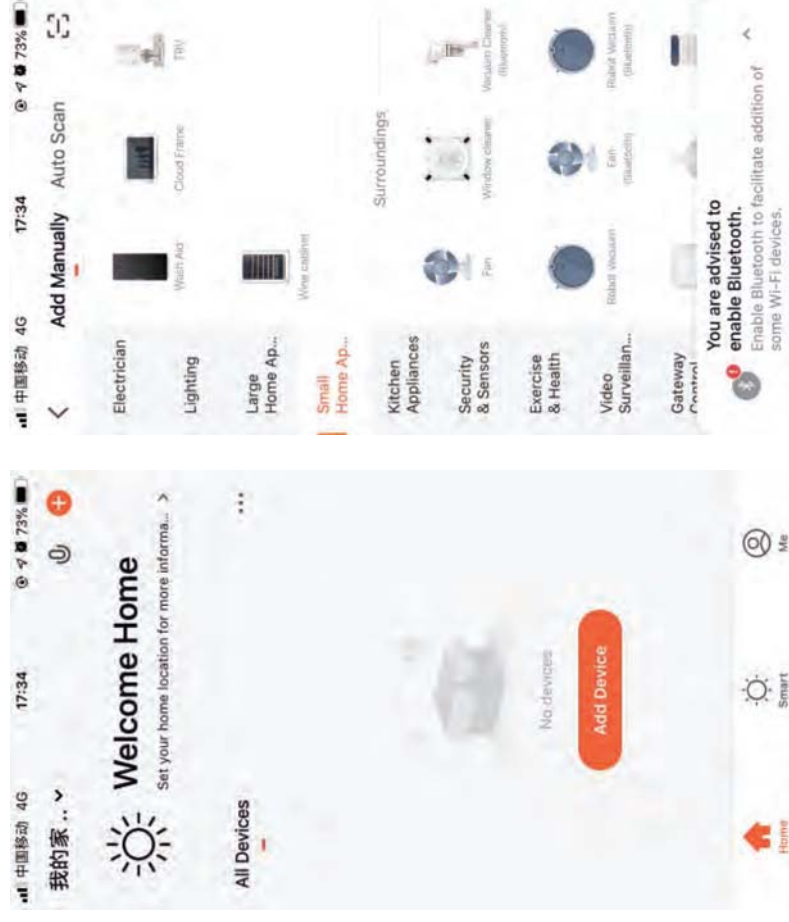
Login:

If you already have an account, enter the account and password on the APP login interface to log in. If you have forgotten your password, click Forgot Password, enter your registered mobile phone number/mail box, and obtain a verification code to log in to your account.



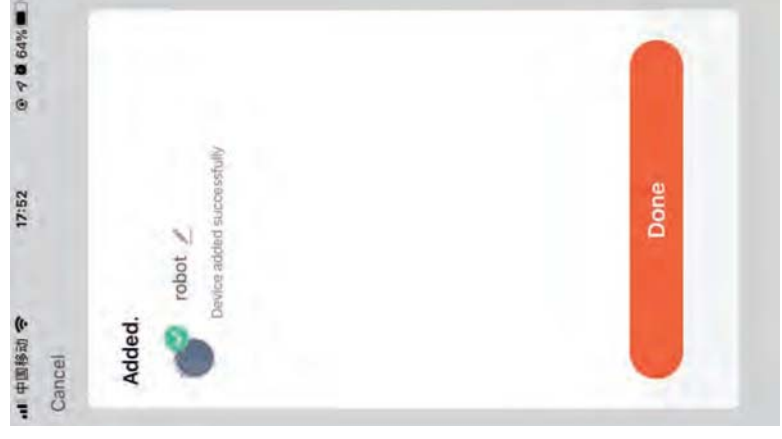
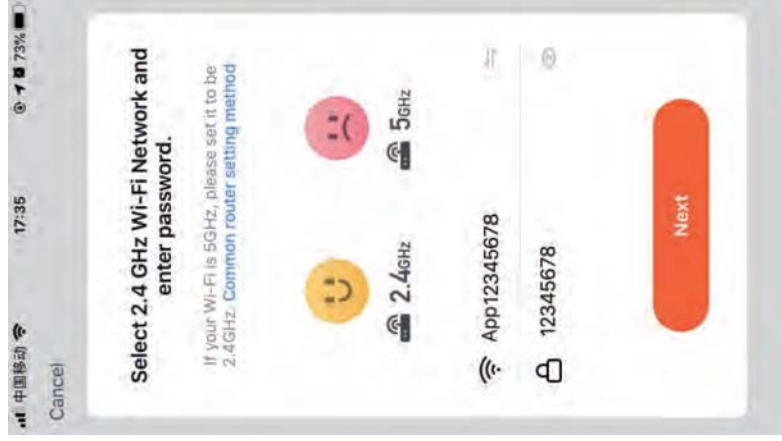
To add a device:

1. After logging in, click Add device;
2. Click "Small appliances" and then click "Sweeping robot";



Products use

3. Connect to wifi (2.4GHz), enter the password, and click Next. Now you need to hold a long press on recharge button on the surface of the robot vacuum until you hear the voice note "In network configuration, please wait for the network configuration result on the APP interface", and wifi indicator on the surface of robot vacuum flashes) ;



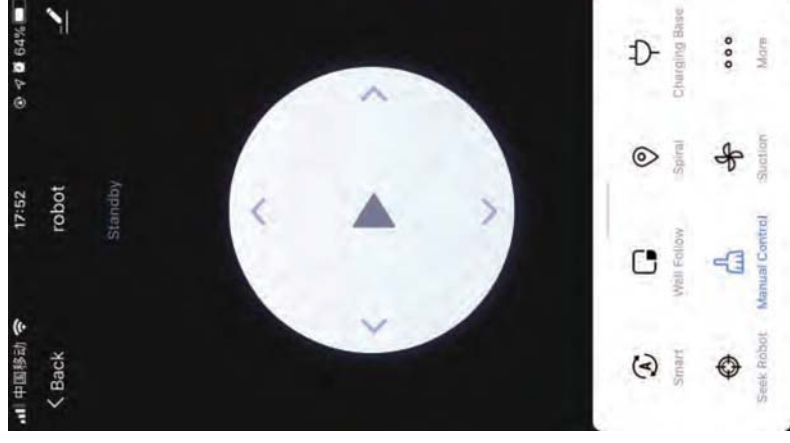
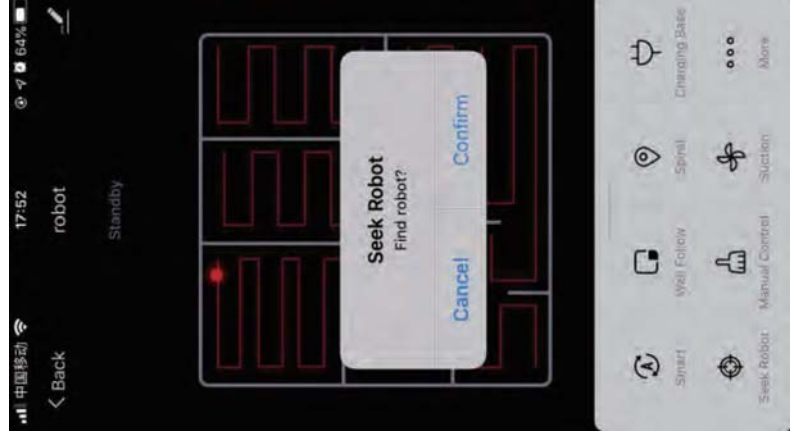
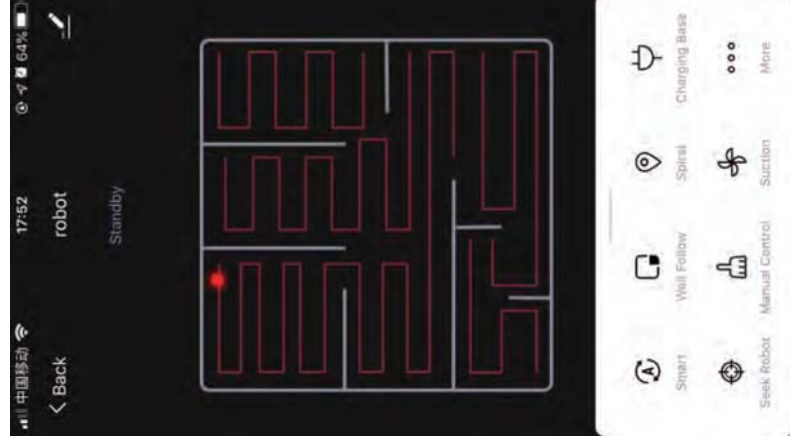
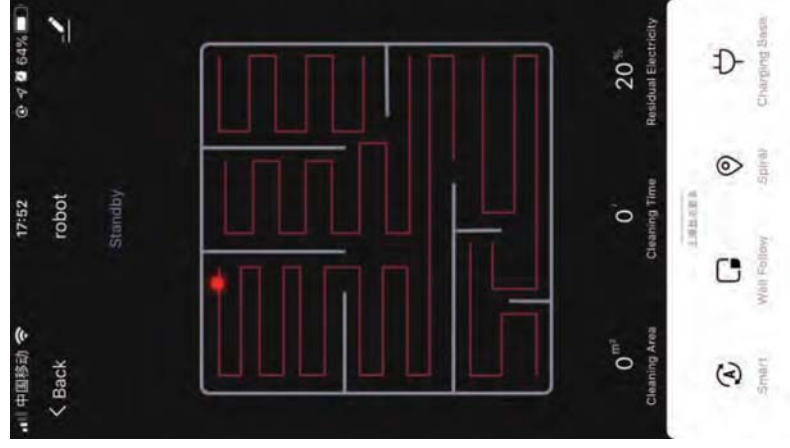
4. Check "Confirm indicator flashes quickly" on APP interface and click Next;
5. It shows that the device is being added on the APP interface;
6. After the device is added, click Finish;

Products use

Operation control page:

1. There are two display methods on the main interface, slide up to display more content.
2. There are three cleaning modes on the main interface, namely "automatic cleaning", "edge cleaning" and "spot cleaning"; to switch the cleaning modes, you must end the current cleaning mode first;

3. Recharge: when the robot vacuum is in standby mode or automatic cleaning mode, press recharge, it will find the charging dock to recharge.
4. Find the robot vacuum: press the button, the device will voice prompt "I am here";
5. Manual control: direction control/pause cleaning /start cleaning can be operated here.

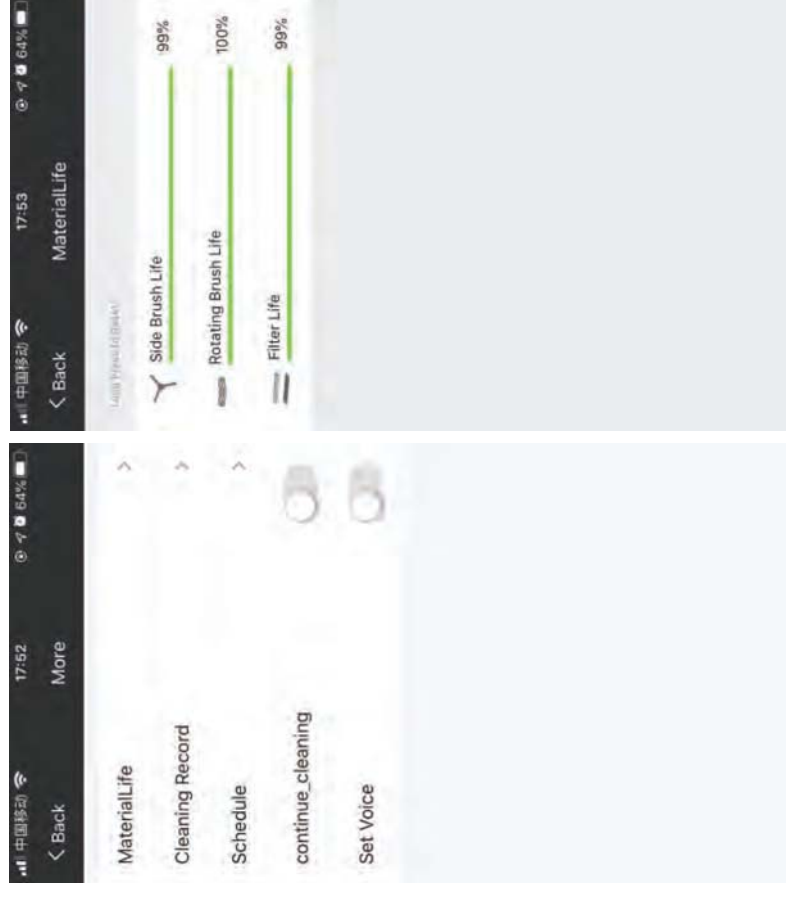
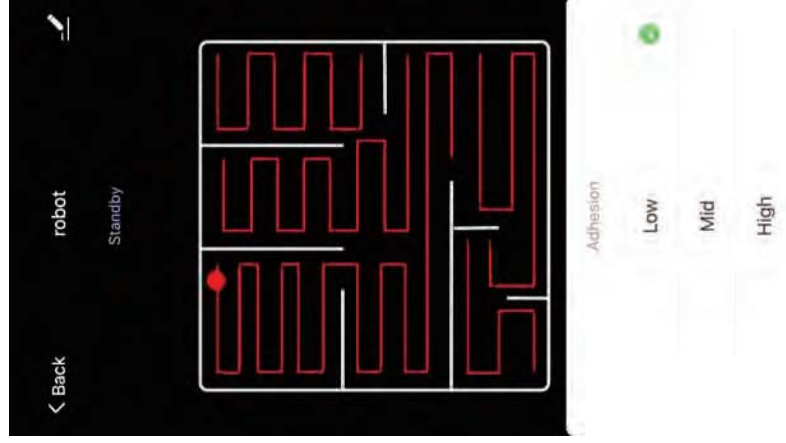


Products use

6. Suction selection: There are three types of suction for you to choose: "silent", "normal" and "strong".

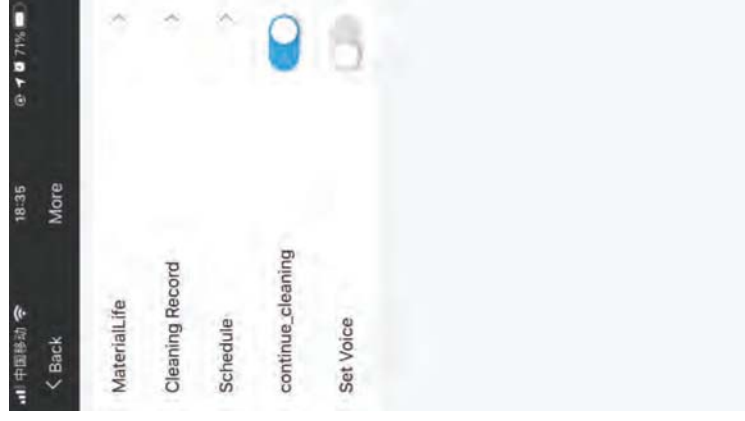
More:

1. Select "More" on the homepage to enter more pages, you can click to enter the corresponding function;
2. Consumables: display the life usage of "side brush", "rolling brush" and "filter";

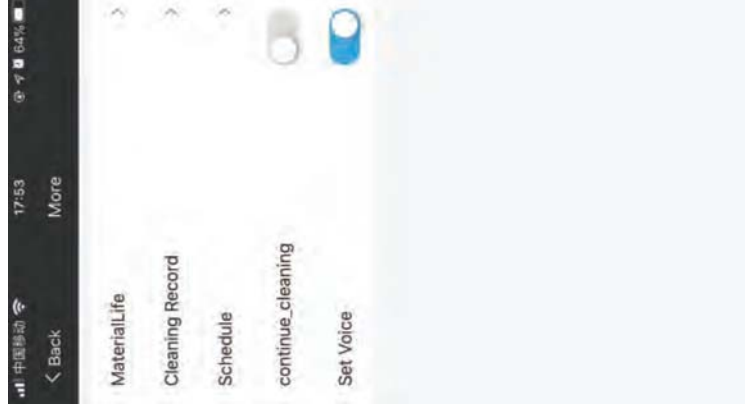


Products use

- 3. Add timing: to select and save the timing cleaning time;
- 4. Continued sweeping at breakpoint: When the function is turned on, the robot vacuum will remember the current cleaning position right before recharging automatically because of the low power in cleaning process. The robot vacuum will return back to the breakpoint to continue cleaning when it's 80% charged.



- 5. Mute switch: There is no voice prompt during operating the machine when the mute switch is turned on (except for finding the robot vacuum voice).



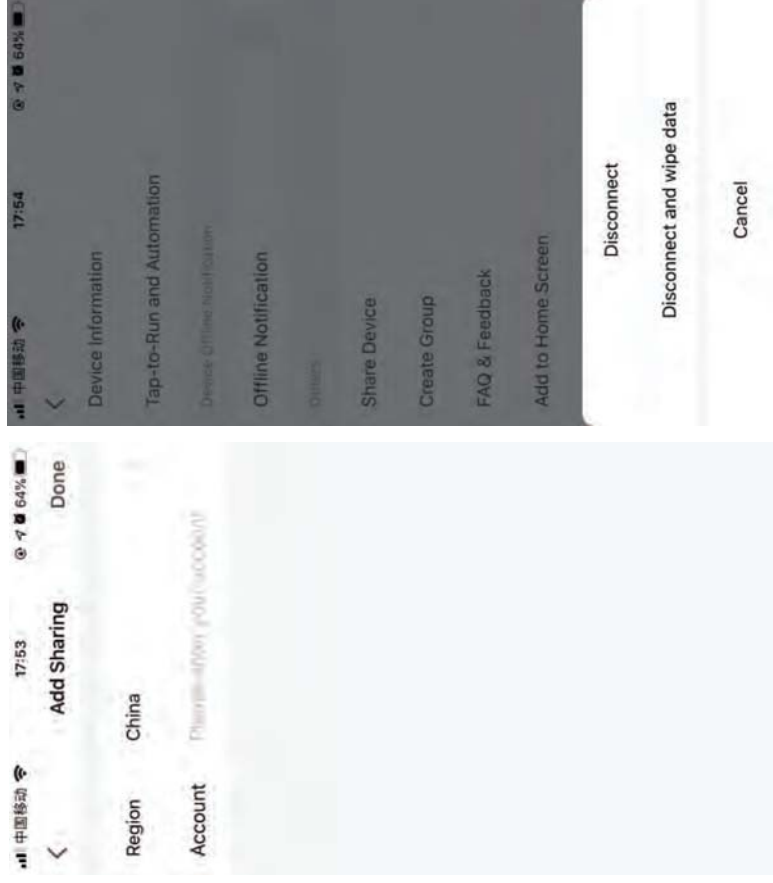
Products use

Set up:

1. On the main control page, click the “pen” button in the upper right corner to enter the robot setting page, and click to enter the corresponding function;



2. Add sharing: fill in the account information with which you want to share the device, and you can share the robot vacuum use with your families or friends.
3. Remove device: Click "Remove device" to remove the bound device from this account.

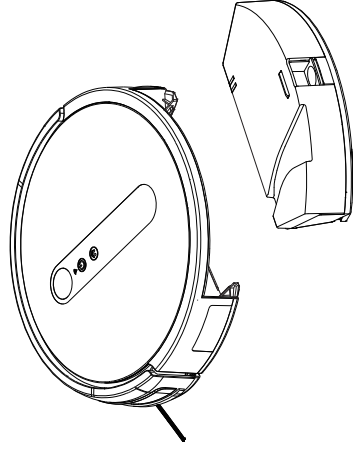


Daily maintenance and maintenance

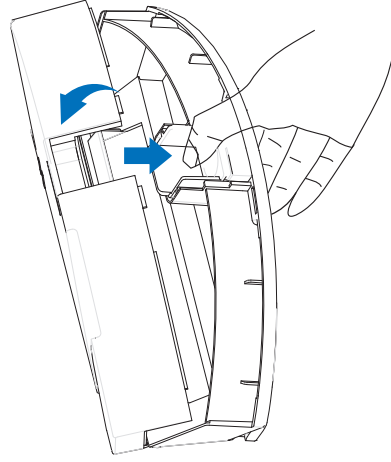
1. Cleaning dust bin and filter

We recommend that the dust bin and filter should be cleaned in time after each use of the Robot Vacuum.

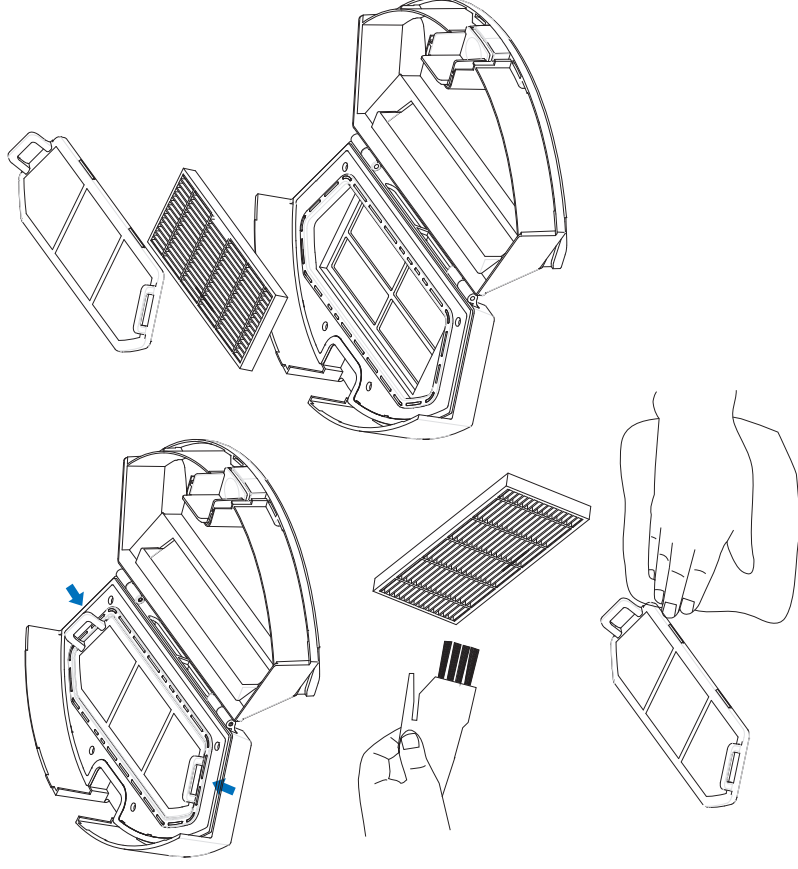
A. Press the release button to remove bin



B. Open bin door to empty bin



C. Take out the sponge filter and high-performance filter, and clean them with brushes or cleaning cloth.



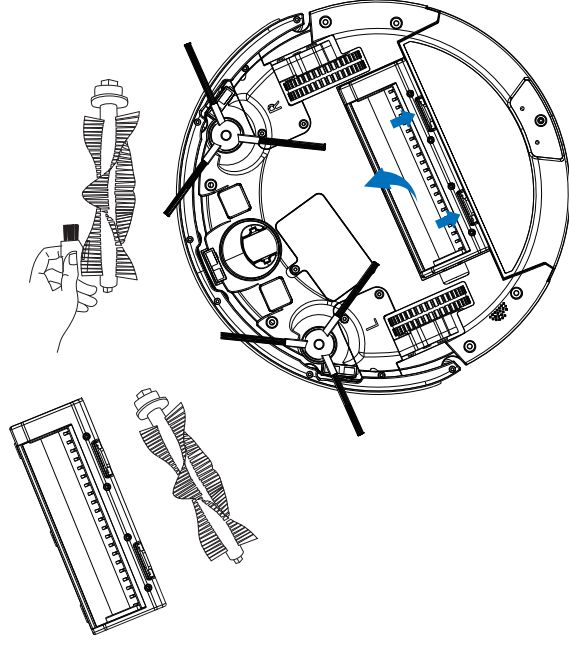
Tips:

- 1.The lifespan for the filter is about 24 months, and it is recommended to wash it once every 15-30 days.
- 2.After washing, please dry it in a cool and ventilated place. It should not be squeezed or exposed to the sun.

Daily maintenance and maintenance

2. Cleaning the rolling brush

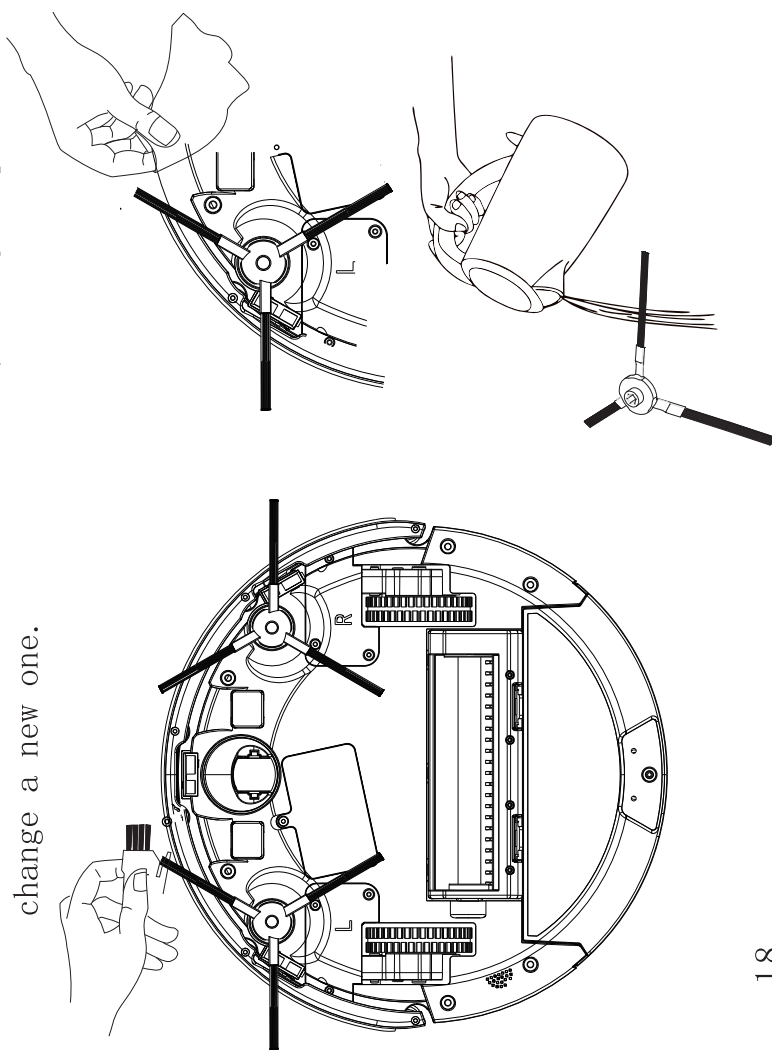
A. Place the robot vacuum upside down, and pull on the release tabs to unlock the brush guard as shown. Lift the rolling brush to remove. Clean the rolling brush with the provided cleaning tool or a vacuum cleaner.



B. Wash and dry the rolling brush and reinstall the rolling brush by inserting the fixed protruding end first and then clicking into place. Press down to snap the brush guard into place.

3. Cleaning side brushes

- A. Carefully unwind and pull off any hair or string that is wrapped between the main unit and the side brushes.
- B. Use a cloth to remove dust from the brushes.
- C. If the side brushes is deformed during use, please remove the side brushes and reshape it with hot water.
- D. If the side brushes are severely damaged, please change a new one.

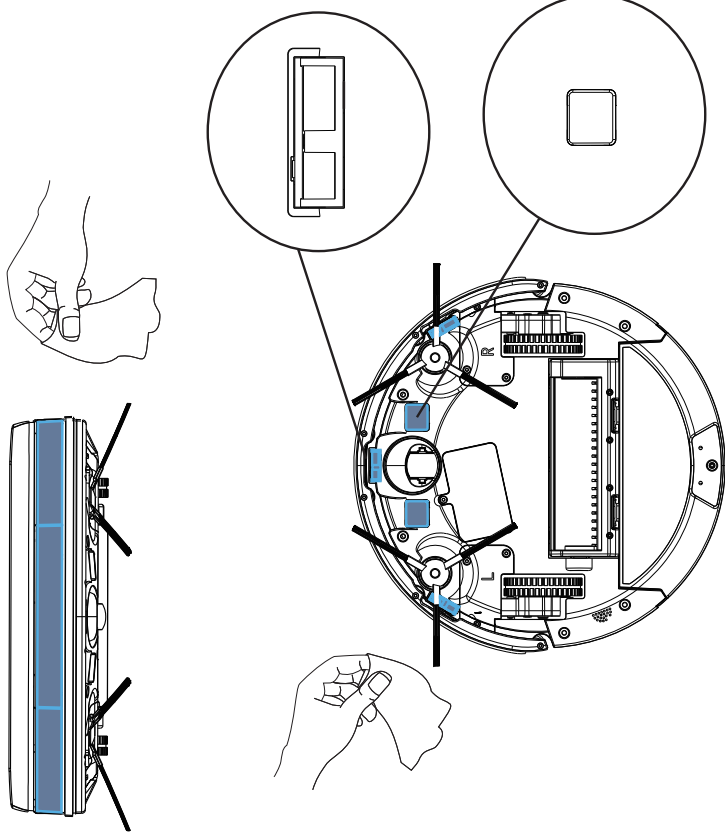


Daily maintenance and maintenance

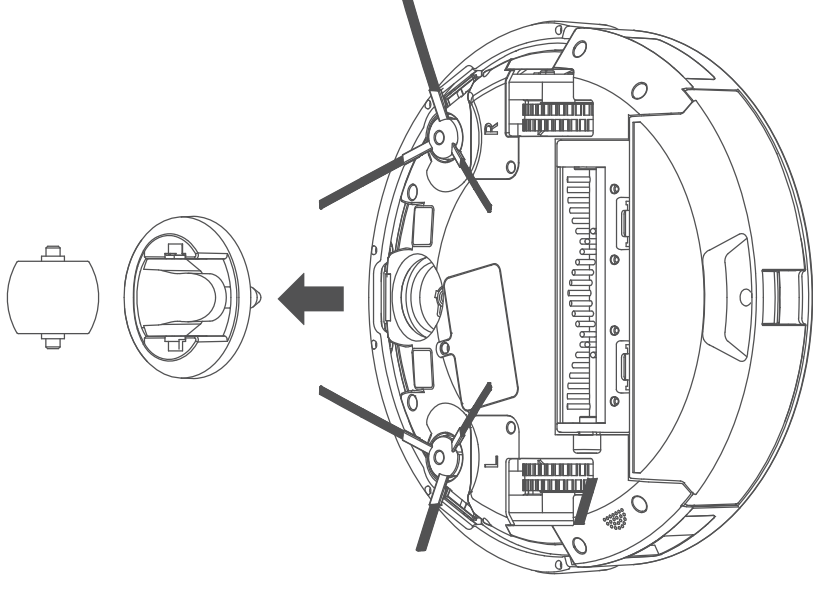
4.Cleaning sensor and charging contacts 5.Universal wheel cleaning

Clean the anti-drop sensor, suction port and charging contacts on the robot vacuum and charging dock with cleaning tools or cloth.

Note: Please do not expose the sensor and charging contacts to any liquid directly



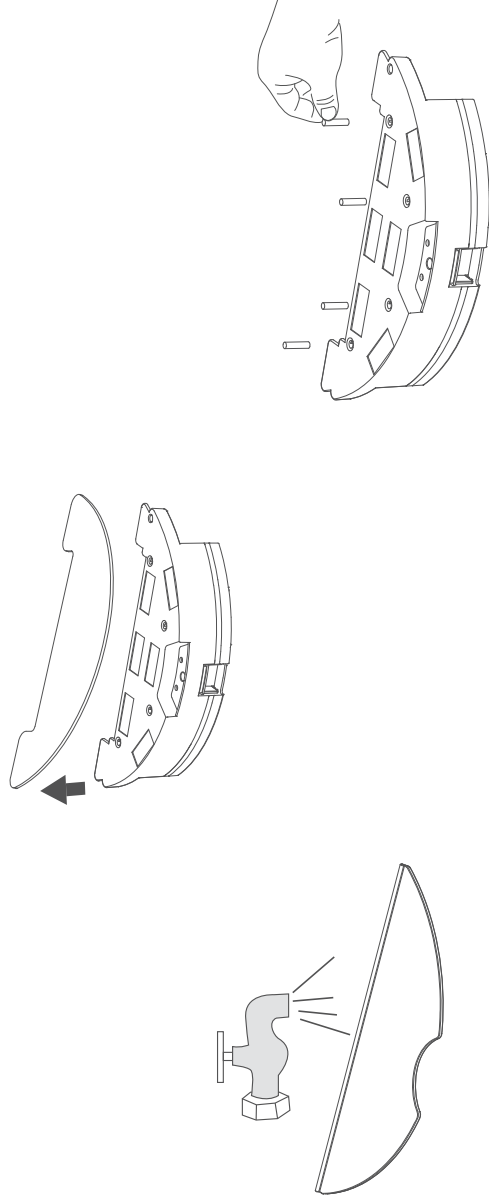
Turn over the robot vacuum, pull out the universal wheel, re-install it tight after cleaning.



Daily maintenance and maintenance

6. Clean water tank

1. Uncover the Velcro, remove the microfiber cloth, rinse and dry ;
2. Replace the filter element: To ensure the percolation of the filter element, it is recommended to replace the filter element once every 3-6 months; Remove the filter element at the bottom of the tank and replace it directly.



Troubleshooting

Number	Trouble Type	Likely Cause	What to Do
1	Failed to connect the Robot Vacuum with mobile phone APP	Incorrect router username and password	Configure the router network and make sure that the "username" and "password" of the router are entered correctly.
		The Robot Vacuum is not within the network signal coverage of the router.	Make sure that the Robot Vacuum within the network signal coverage of the router
		If the Robot Vacuum is waiting for configuring network	The network can be configured only when the Robot Vacuum is in the network configuration mode. Please press and hold the recharge button after the Robot Vacuum is powered on, you will hear voice prompt "configuring network", which means that the Robot Vacuum is now in the network configuration mode.
		No available 2.4G network.	Please connect 2.4G network.
2	Failed to install APP	The mobile phone system is lower than the required system	Mobile phones with IOS9.0 and above and Android 5.0 and above can download and use the App, please upgrade your mobile phone system if it is not included.
3	Failed to charge the robot vacuum	The charging contacts on the robot vacuum and charging dock are not contacted correctly or fully.	Make sure that the charging contacts on the robot vacuum and charging dock are contacted fully and the LED indicator on the charging dock stays on. Please check if there is dirt covering all the charging contacts and remove it if there is.
		The charging dock is not powered	Make sure the charging dock is powered

Troubleshooting

Number	Trouble Type	Likely Cause	What to Do
4	Failed to go back to charging dock	The charging dock is placed incorrectly	Place the charging dock on a hard, level surface and against a wall. 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. When there are highly reflective items around the charging base, please remove or cover the bottom 10cm.
		The charging dock is powered off or moved in the middle of working.	Check if the charging dock is powered. Do not move the charging dock when the robot vacuum is working.
		The robot vacuum failed to go back to charging dock because of being trapped by obstacles on the floor (such as power cord, carpet edge or fan base).	We recommend cleaning the obstacles and power cords before using the robot vacuum to avoid being entangled so that it can recharge successfully.
		The robot vacuum had been stopped from working for over 60 minutes or been moved over a distance of 3ft/1m in the middle of working	To make sure the robot vacuum works normally, please let it finish cleaning by itself and do not pause or move the robot vacuum if it's not necessary. The pause time should not be longer than 60 minutes and the moving distance should be less than 3ft/1m.
		The robot vacuum didn't start off from the charging dock	We recommend letting the robot vacuum starting off from the charging dock.

Troubleshooting

Number	Trouble Type	Likely Cause	What to Do
5	Disordered routes, deviations, repeated cleaning, and small areas missing.	Power cords, slippers and other objects placed on the floors affect the performance of the robot vacuum.	Remove the obstacles on the floor as much as possible before the robot vacuum starts working. If the missing cleaning area, the robot vacuum will make it up by itself, human interference such as moving the robot vacuum or blocking its route is not recommended
		Use the robot vacuum in dark	Please use the robot vacuum in good light conditions.
		Working on freshly waxed and polished floors results in reduced friction between the drive wheels and the floor.	We recommend using the robot vacuum after the floor wax dried fully.
		The robot vacuum can't go into specific area because of different house environments.	We suggest you could follow around the robot vacuum to help it to know your house better when the robot vacuum cleans your house for the first time. Organize your rooms to make sure the robot vacuum can enter for cleaning.

Troubleshooting

Number	Trouble Type	Likely Cause	What to Do
6	The robot vacuum is trapped during working.	The robot vacuum is trapped or topped by loose power cords, curtain or carpet edges.	The robot vacuum will try its best to get over with it, please help it if it can't get out of trouble eventually.
		The robot vacuum gets stuck under furniture which leaves a space as thin as the body of the robot vacuum	We recommend you could enlarge the space under furniture or block the space directly.
7	The robot vacuum make a fierce loud noise	Side brushes or rolling brush is tangled by hair or debris,the dust bin or filter is blocked	Clean the dust box in time after each use of the robot vacuum; clean and maintain regularly the side brushes, rolling brush, dust bin, filter, etc.
	Suction power declines	The suction port is clogged.	Please clean up the suction port by time.
		The dust bin is full	Please empty the dust bin.
		The filter is dirty.	Please clean the filter kit in regular.
		Filter sponge is wet.	Take out the filter sponge, and dry it in a cool place.

If the above solutions can't solve your problems, please try the following:

- 1.Restart the robot vacuum with the power switch on the side.
- 2.If the robot vacuum keeps going backwards, please pat the bumper with your hand, and then restart the robot vacuum.
- 3.If the machine does not move forward, please check if the anti-drop sensor is blocked and clean the dust on the sensor cover.
- 4.If you have tried all the solutions and failed to solve the problem, please contact our customer service as soon as possible.

Tips:

- 1.VSLAM robot vacuums have the function of automatically identifying the home location, and will walk horizontally and vertically during the cleaning process.
- 2.The vision navigation robot vacuum has a relocation function. When using this function, the robot vacuum needs to be stopped from working first and be placed in an area it has cleaned, or the relocation will fail.

Specifications

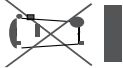
Contents	Specifications
Working Voltage	14.8V
Working Power	30W
Battery Capacity	3200mAh Lithium battery
Charging Dock Output Voltage	22V
Charging Dock Output Current	1A

The storage environment requirement for this product is 0-45°C (0-113°F).



Warning:

This product has a built-in lithium battery. When disposing of this product, please do not disassemble the battery or stack it with general household waste to avoid polluting the environment.
Please give it to the designated recycle bin or professional.



Note: The company reserves the right to make any technical or design changes to the product due to the continuous improvement of the product. The right of interpretation belongs to the company.

Description of harmful and toxic substances in products

Name	Toxic and harmful substances or elements					
	Plumbum	Mercury	Cadmium	Hexavalent chromium	Polybrominated Biphenyl	polybrominated diphenyl ethers
Plastic	○	○	○	○	○	○
Electrical Machinery	○	○	○	○	○	○
Circuit Board	×	○	○	○	○	○
Cable	○	○	○	○	○	○
Metal Piece	×	○	○	○	○	○
Battery	○	○	○	○	○	○
This form is prepared according to regulations of SJ/T 11364.						
○ It means that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirements stipulated in GB/T 2657.						
✕ Indicates that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit requirements specified in GB/T 2657.						
 This product complies with RoHS environmental protection requirements, and harmful substances contained in some components cannot be replaced under current international technical standards. The environmental protection use period marked by this product refers to the safety period in which the harmful substances or elements contained in the product will not leak under normal use conditions.						

Warning

FCC Notice:

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.

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

VSLAM Robot Vacuum