

Sweeping Robot User Manual

Please read this manual carefully before use and keep it properly

Model: DL30 Pro
Point laser robot

Welcome to use!

Thank you for choosing Wonjia intelligent smart vacuum robot cleaners!

It is based on gyroscope and a variety of sensors, which can easily and quickly realize gyroscope indoor navigation and positioning, explore composition, plan clear Sweeping path, automatic cleaning, edge cleaning, automatic charging, high-end intelligent planning sweeping robot without manual intervention. It has a new modular chassis design, V-shaped floating brush, deep cleaning, strong obstacle crossing ability, long battery life, strong suction and three adjustable gears. Large-capacity rear-extraction dust box, washable HEPA filter, split mopping module, and two-in-one electronically controlled water tank support the efficient cleaning mode of sweeping first and mopping later.

You can also download the APP on your mobile phone to view the cleaning map and running status of the robot vacuum cleaner in real time, cleaning time, switching cleaning mode, spot cleaning, voice control, remote control, etc.

Technology makes life better. Happy using!

catalogue

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Security information

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:
READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE), Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

WARNING– To reduce the risk of fire, electric shock, or injury:

- Do not use outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children, pets or plants.
Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle the charging dock, including charger plug, and charger terminals with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.

Security information

- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust box and filter in place.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing the appliance that has the switch on invites accidents.
- Do not use and store in extremely hot or cold environments (below 0°C/ 32°F or above 40°C/104°F). Please charge the robot in temperature above 0°C/ 32°F and below 40°C/104°F.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions.
- Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

Security information

- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the appliance or the battery pack except as indicated in the instructions for use and care.
- Place the cords from other appliances out of the area to be cleaned.
- Do not operate the vacuum in a room where an infant or child is sleeping.
- Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
- Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
- Do not allow children to sit on the vacuum.
- Do not use the vacuum on a wet surface.
- GR2 charging dock. Use only with Dongguan Sunun Power Co., Ltd SA182H-200090U charger or Chanzeho Technology (HK) Co Ltd CZH024200090USWM charger.
- Risk Of Injury. Brush May Start Unexpectedly. Switch off the appliance and Remove the brush Before Cleaning or Servicing.
- Unplug before cleaning or servicing.

SAVE THESE INSTRUCTIONS

Household use only.

Caution:

This device complies with Part 15 of the FCC Rules / Innovation, Science and Economic Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference. (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Security information

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.

MPE Reminding

To satisfy FCC / IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.

To disable Wi-Fi module on robot, power the robot ON. Place the robot on the Charging Dock. Ensure the Charging Contacts on robot and the Charging Dock Pins make a connection.

Press and hold the Dock Button on the robot for 20 seconds until the Wi-Fi module is turned off.

When the Wi-Fi module is turned off, press any button on the robot to turn the Wi-Fi module on.

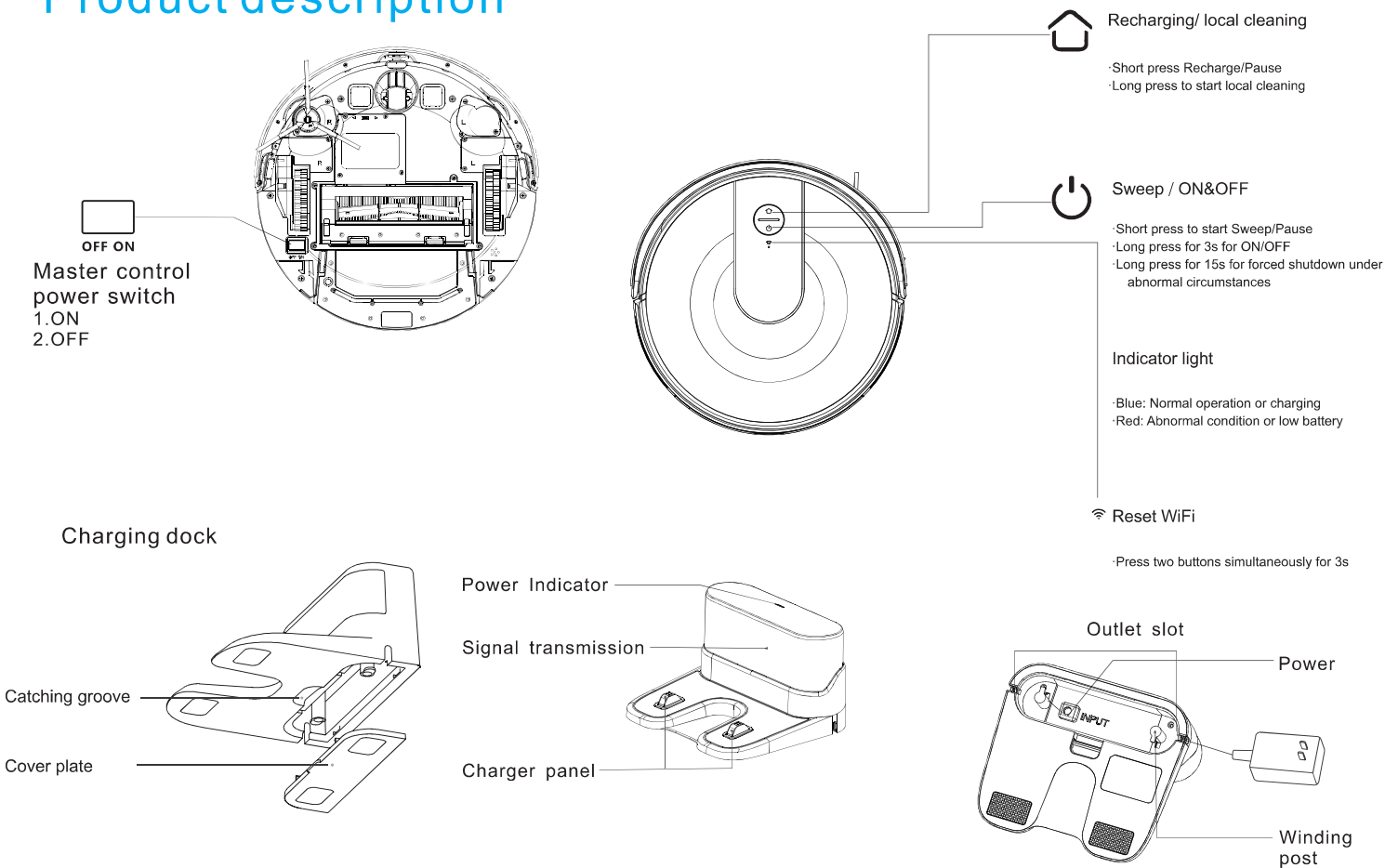
---	Direct current
~	Alternating current

This Device Complies with DHHS Radiation Rules, 21CFR Chapter 1, Subchapter J.

I: ON

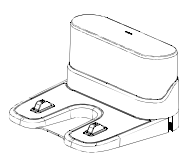
O: OFF

Product description

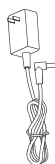


Product description

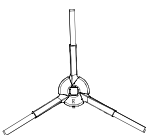
Product List



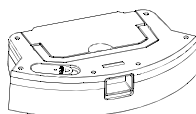
Charging dock X1



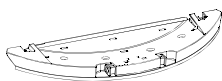
Adapter X1



Right side brush X1



2 in 1 water tank dust bin X1
(optional)



Mopping bracket X1
(optional)

Accessories list

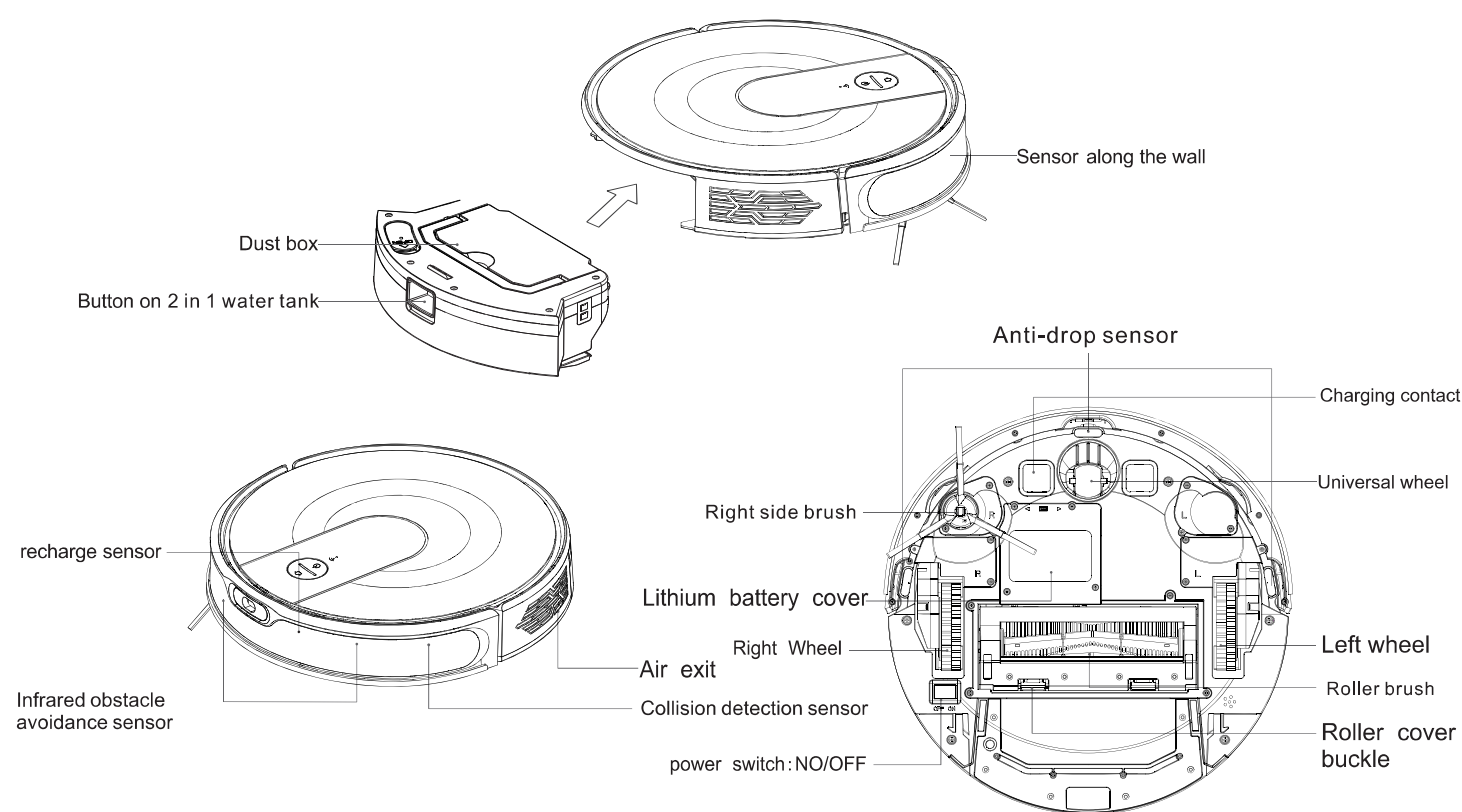


Cleaning brush X1



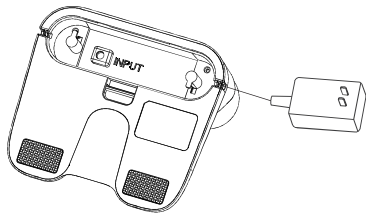
Mop X1 (optional)

Product description

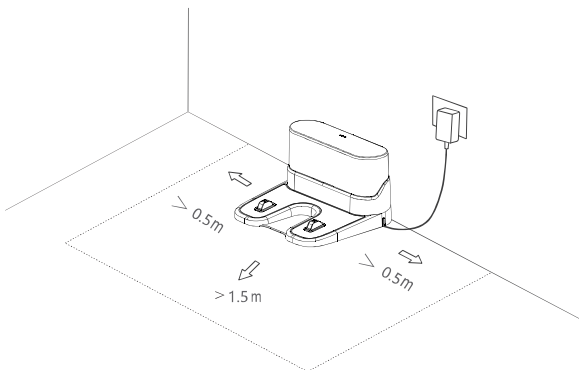


Installation steps

1. Connect the power cord, and then
Put the excess wire into the wire box



2. Place the charging stand against a wall on a flat floor, and then connect power

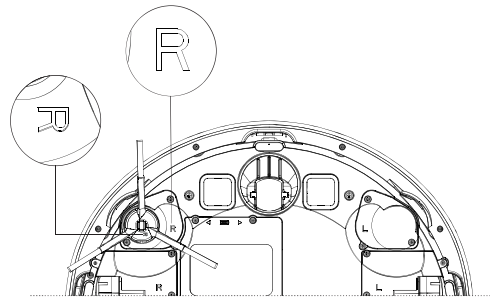


Note:

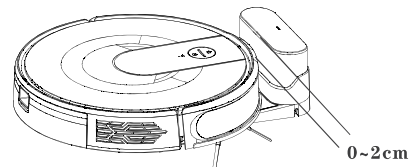
- Make sure there is a space of more than 0.5 meters on both sides and more than 1.5 meters in front
- When installing, try to keep the power cord in the air; if it is close to the ground, it may be dragged by the host, causing the charging stand to lose power.
- The charging indicator light is always on when the power is on

3. install brush

Put (R brush) and letters R in bottom case into bottom respectively



Turn on the main power switch, until the indicator light is always on, and then put the host on the charging stand to charge



Note:

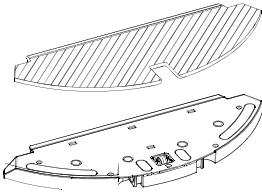
With insufficient power cannot being turned on please place the host on the charging stand, the device will automatically turn on, because the device can work normally only when the power is $\geq 20\%$

(as the picture shows) The front end of the machine is facing the charging stand, so that the charging contacts on the main unit are in contact with the charging shrapnel, and the distance between the front end of the machine and the charging stand is about 0~2CM

mopping components

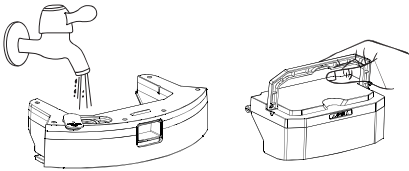
1.install two-in-one water pump tank

- ① Install the rag: Glue the mop flat to the bottom of the mop holder



② method of collecting water:

Open the lid and fill it with water and close the lid

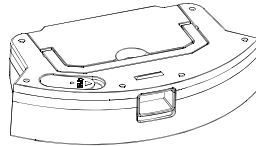


Note:

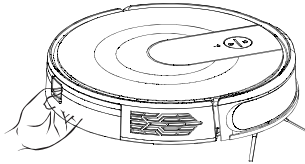
It is recommended to remove the dust box and then add water to avoid water entering the dust box.

Lift the handle first, take the dust box out of the water tank, then fill it with water and fasten the lid

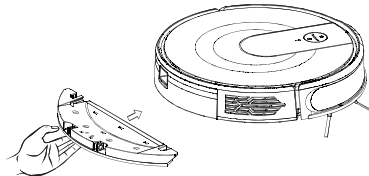
③ install water box



Put the dust box into the water tank and lay the handle flat



Press and hold the button in the middle of the water tank and push it
When you hear a "click", it is in place

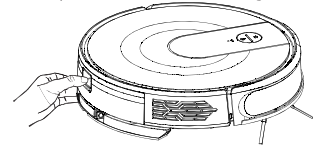


Press and hold the two buttons in the middle of the mop bracket along the back of the main unit

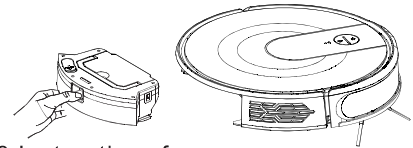
Push it in horizontally until you hear a "click" sound to indicate it is in place

2.Remove the electronically controlled water tank

When the main unit finishes work, press and hold the two buttons in the middle of the mop holder, remove the mop holder backwards, and place the cleaning cloth (Do not move or flip the main unit during work)



After removing the mop bracket, press and hold the button in the middle of the water tank and pull it out horizontally along the back of the main unit, pour out the remaining water in the water tank, and remove the garbage in the dust box. (Do not move or flip the host during work)



3.Instructions for use


- ① Do not use the water tank when no one person is at home
- ② For safety, be sure to remove the water tank when charging or not in use
- ③ Do not use the mopping function on the carpet. You can prevent the device from entering the carpet by setting a forbidden area.
- ④ In order to obtain a better mopping effect, it is recommended to install the mopping module after cleaning it three times for the first using.
- ⑤ If you need to add water or clean the rag during the operation, please pause in place first, follow the above steps, and then restart
- ⑥ The mopping function of the equipment only has the effect of wiping, which is helpful for deep cleaning, but cannot effectively remove stubborn stains and cannot completely replace manual labor

Instructions for use

Power(ON/OFF):


- (1)turn"ON",After flashing Blue breathing light POWER ON in English",and then it works
- (2)turn"OFF",Cut offthe power supply, which mean it's shutdown completely.

Power key(note:tutning"ON"means it works):

- (1)powering off: press  With 3 seconds,After flashing white lig andhear "POWER ON" Shutdown to complete

- (2)In the power-on state, long press  the switch and the power-off complete button for 3S, the breathing light goes out, and the voice announces "shutdown completed"

Sweeping/Pause

After working,press  Or use the mobile APP to start the automatic cleaning or pause function

Note:

- Sweeping robot cannot be used to clean liquid
- If the power is lower than 20%, the cleaning task cannot be performed,
- Please charge first and then continue cleaning
- being lower than 20% during the cleaning process, the device will automatically recharge
- Please remove all kinds of wires on the ground before cleaning

Start the recharge or control the recharge by the mobile phone APP, the Blue breathing light will be always on when the machine is charging.
Note: If the charging base is not found, the host will automatically return to the starting position.
Please manually put the host back on the charging stand for charging

The mobile phone APP controls the recharging. When the machine is charging, the white breathing light is always on. Note: If the charging stand is not found, the host will automatically return to the starting position. Please manually put the host back on the charging stand for charging.

Suction adjustment

Use the remote control or mobile APP to choose three suction modes: quiet, normal, strong(Default is normal)

Water regulation (in tank mode)



Using the mobile phone APP or remote control, you can choose three water volume modes: low, medium or high(Default is mid-range)

Silent mode

Turn on the silent mode.If the device will not play the voice, you can use the mobile APP or remote control to turn on or off the silent mode

Reset WiFi

When the router's configuration, password or other reasons cause the mobile phone to fail to connect to the machine, please also:

Pres  and  with 3seconds,until hearing"WiFi resetting"sounds and WiFi light will be turned

It turnsBlue breathing light quickly, indicating that the reset is successful. Schedule a cleaning

Use the mobile APP to set the scheduled cleaning time, the host will automatically start cleaning at the specified time,

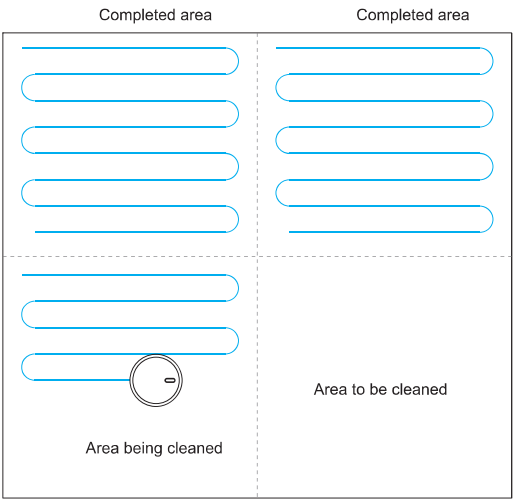
Note:

During work, do not move the device at will and frequentl.

Instructions for use

Cleaning mode

After the robot is powered on, it will scan and generate the map and divide it into areas intelligently. Then sweep the areas one by one along the wall orderly, efficiently and thoroughly and plan the cleaning route in a bow/S shape. The robot will return to the charging base automatically after cleaning




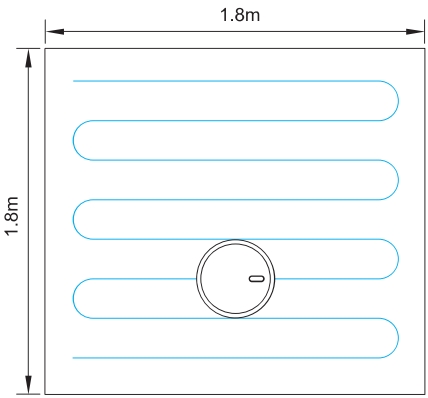
Note:
Do not move the robot casually and frequently when it is cleaning. After moving, please put the robot near the original position. When it starts again, it will try to reposition itself. After successful positioning, it would follow the planned path and continue to work. If the positioning fails, the robot would abort previous mission, make a map and do the cleaning again. Even it maynot find the charging base

Spot cleaning

When a local area needs a deep sweep, the user specifies a point on the map on the APP, the machine will automatically drive to the vicinity of the point, take the point as the center, and clean within 1.5m x 1.5m

Partial cleaning

When the robot cannot be controlled by the mobile APP, please remove the robot to the place you want to clean. Long press the  button for 3 seconds, and the robot will clean twice within the scope of 1.8mx1.8m centering on itself



Connect to the sweeping robot APP

APP download

Method 1: Go to the app store, search for "Tuya Smart" to download

Method2: Scan the QR code below to download






Adding equipment

Open the APP and click the "+" button on the home page to enter the device selection page. Select the cleaning robot and complete the device addition according to the instructions

Firmware upgrade

After entering the firmware upgrade function through the mobile phone APP and detecting the new firmware, follow the prompts to guide the upgrade. Firmware upgrade requires power $\geq 50\%$. It is recommended to place the device on the charging stand to upgrade

Reset the Wifi

When the router's configuration, password or other reasons cause the phone to fail to connect to the machine, please do the same:
Press  And  With 3 seconds, until hearing "WiFi resetting" and WiFi indicator  It turns Blue breathing light quickly, indicating that the reset is successful.

