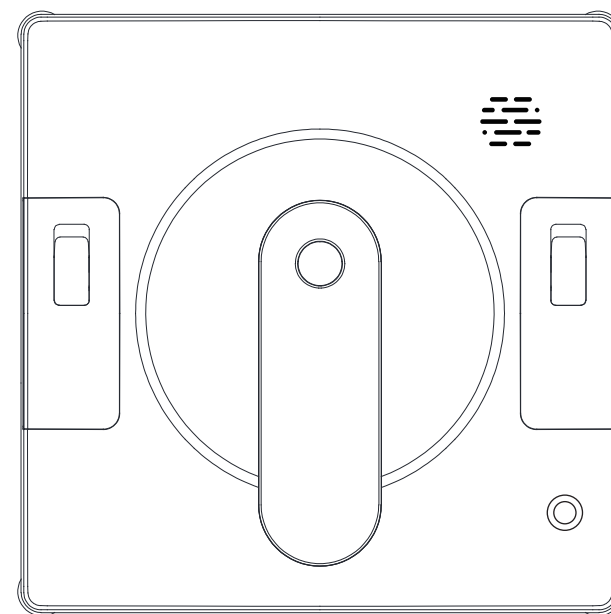




"CE" marking states that the product is compliant to European Directives
2006/95/CE Low Voltage Directive
2004/108/EC EMC Directive
It is possible to request a full copy of Declaration of compliance to the Distributor:
This product complies with the rules of RoHS Directive(2002/95/CE)
This product complies with the rules of Eup Directive(2009/1255/CE)



Window Cleaning Robot Instruction Manual

Please read this manual carefully before using the product and keep it safe.

Content

1. Safety Instructions	01
2. Product Composition	
2.1 Product and Accessories	02
2.2 Technical Paramete	02
2.3 Product Parts	03
2.4 Remote Control	04
3. Product Usage	
3.1 Note Before Use	05
3.2 Installation of Cleaning Cloth	06
3.3 Connecting with Power Adapter	06
3.4 Assembly of Safety Rope	06
3.5 Installation of Safety Rope Buckle	07
3.6 Spray Cleaning Solution	07
3.7 How to Use	08
3.8 Complete Cleaning	09
4. Maintenance	
4.1 Clean Cleaning Cloth	10
4.2 Clean Wheels	10
5. Indicator Light and Prompt Sound	11
6. Trouble Shooting	12-13
7. Connecting to SMART LIFE App	14-15

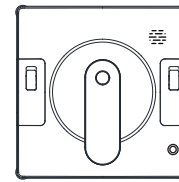
1.Safety Instructions

When using the product, please be always vigilant and follow the following matters! Please read this manual carefully before using the product!

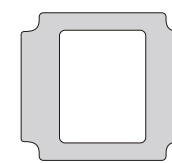
1. The product cannot be used by children under the age of 8, or persons with physical or mental disabilities. If you need to use it, please use it under the supervision and guidance of your guardian. Please keep children away from the product in working condition or play with the product as a toy.
2. Do not use this product in extreme environments (temperature below 0°C and temperature above 40°C).
3. When the product is working, please keep the product powered on at all times. The built-in safety backup battery of the product is only used to maintain the product in the case of a sudden power failure, to keep the product adsorbed on the glass within a limited time and not fall, and should not be used as a power supply for normal work to avoid risks.
4. During the use of this product, please ensure that someone is watching over it, and can provide help for the product if necessary. When the machine is working, remove valuables from under the machine and make sure that no animals are standing under the working machine.
5. Only use in home environment and indoor environment, do not use in commercial and industrial places.
6. Do not use this product on glass with cracks, advertising paper and bumps to avoid the risk of glass breaking and product falling.
7. Please use this product according to the instructions in the manual, and only use the accessories recommended or sold by the manufacturer; only the original rechargeable batteries and adapters specially designed by the manufacturer are applicable.
8. Make sure the power supply voltage matches the voltage marked on the adapter.
9. Make sure to use this product on glass with glass thickness greater than 5mm. The product shall not be used on framed glass with the frame thickness less than 5mm.
10. It is forbidden to use it on a large area of wet or oily glass to avoid the risk of falling due to slippage of the product.
11. The product should be kept away from heat sources or flammable substances.
12. It is forbidden to use this product when the product is not completely adsorbed or has obvious damage.
13. Do not place this product in water or other liquids to reduce the risk of electric shock; do not store this product where it may be dropped or pulled into a tub or sink.
14. Do not touch the plug or product with wet hands.
15. Battery charging cannot be carried out in an environment that is too hot or too cold, which may affect the service life of the battery.
16. The product cannot be used when the adapter has no power supply.
17. It is forbidden to charge the machine on household appliances, damp or fire, so as to avoid unnecessary losses.
18. Please use the power cord carefully to avoid damage. It is forbidden to use the power cord to drag, lift the product or use the power cord as a handle; it is forbidden to close the glass window to clamp the power cord or place items on the power cord during use. The power cord should be kept away from heat sources.
19. Do not use this product with a damaged power cord or power outlet. Do not use the product when it fails to work properly due to drop, damage or water ingress. To avoid injury, the product should be repaired by the manufacturer or its after-sales service department.
20. If the flexible cord of the power cord is damaged, it must be replaced by a professional from the manufacturer, its maintenance department or similar department in order to avoid danger.
21. The plug must be unplugged from the power socket before maintaining or cleaning the product, but do not unplug the power plug from the socket by pulling the power cord.
22. The battery must be replaced by a professional from the manufacturer, its maintenance department or similar.
23. Before the product is scrapped, the battery must be removed and scrapped in accordance with local laws and regulations and environmental regulations.
24. If you need to scrap this product, please cut off the power supply of the product first, and then remove the battery from the product.
25. Please dispose of used batteries in accordance with local laws and regulations and environmental regulations.
26. Incineration of the product is prohibited even if the product has been severely damaged, as the battery of the product may explode.
27. Please use the product according to the instructions in this manual. The company is not responsible for any loss or injury caused by improper use.
28. It is strictly forbidden for children, mentally handicapped persons or people who lack common sense and experience to use this product without the guidance of a special person.
29. When the machine is working, supervise the behavior of children to ensure that this product is not being played with.
30. Children are strictly prohibited from playing with this product.
31. Children are strictly prohibited from cleaning and maintaining the product without supervision.

2.Product Composition

2.1 Packing Content



Robot



Cleaning Pad



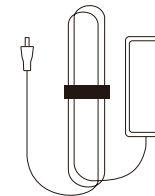
Remote Control



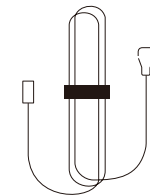
Empty Spraying Bottle



Manual



Adapter



Extension Cord



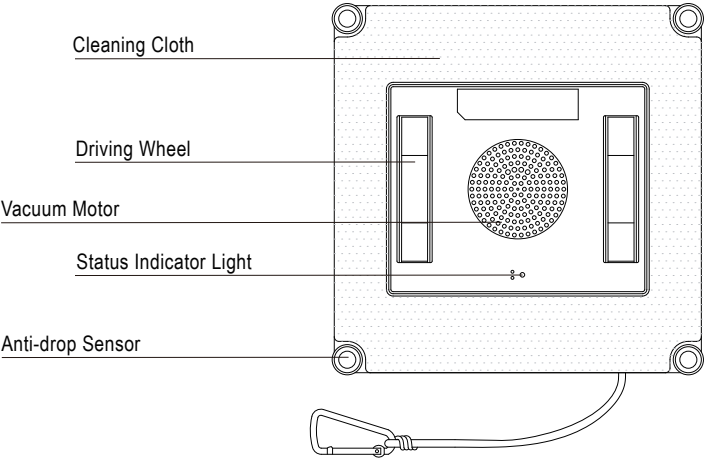
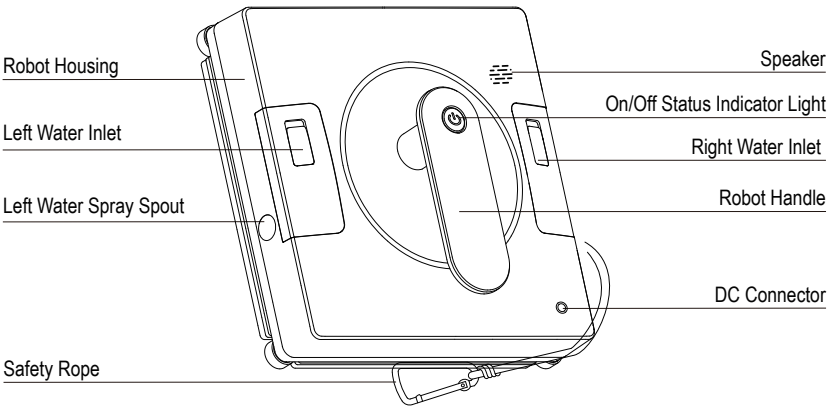
Water Injection Bottle

2.2 Technical Parameter

Voltage	24V ~~~~	Rated Power	72W
Remote Control			
Rated Input Voltage		3V ~~~~	
Power Adapter			
Input	100-240V~50/60Hz	Output	24V ~~~~ 3.0A

2.Product Composition

2.3 Product Parts



2.Product Composition

2.4 Remote Control

Left Area:
Auto clean to left with N path

Right Area:
Auto clean to right with N path

Arrow Keys:
move up/down/left/right manually

Start/Pause:
Start automatic cleaning/
Stop cleaning

Auto Water Spray:
When the robot starts working, it will automatically spray water at intervals by default. Press this button to deactivate automatic water spraying mode. Press again to activate it.

Manual Water Spray:
Spray water once for each short press

N & Z mode:
Start with N path first , and then with Z path

N cleaning mode:
Applicable in vertical glass with N path cleaning

Z cleaning mode:
Applicable in horizontal glass with Z path cleaning

Start/Stop Cleaning

After the robot adsorbs successfully, short press “⏻” button on the robot or press “▶▶” on the remote control to start automatic cleaning.
The robot default cleaning mode is Z path.

Press “▶▶” to start /stop cleaning

“N” for vertical glass.

Clean with "N" path

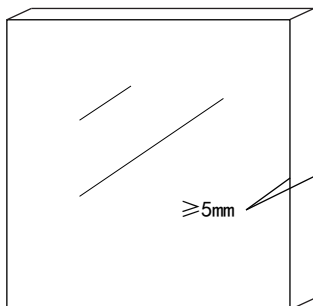
Press “⬅️➡️” button to control the cleaning direction of the robot, and to switch cleaning path.

“Z” for horizontal glass.

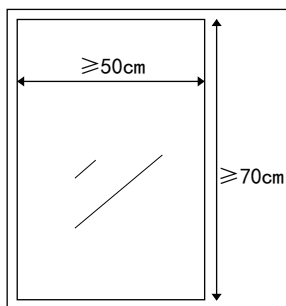
Clean with "Z" path

3.Product Usage

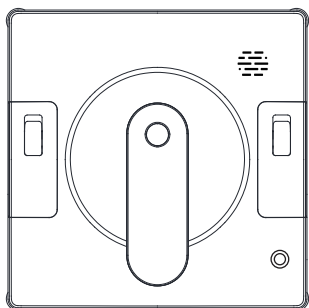
3.1 Note Before Use



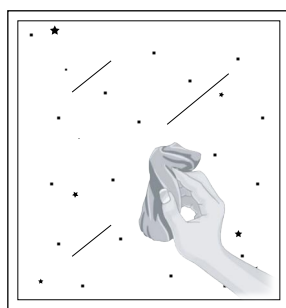
Forbidden to use the robot on framed glass with frame thickness (from the glass surface to the frame surface) less than 5mm.



Use this product on framed glass with the measure of area larger than 50*70cm.



Connect with power adapter, if red and blue lights flash alternately, it indicates that the robot is in the status of charging. Keep charging until the blue light remains on (about 1 hour). Robot will not be ready for work when red light flashes.



If there is heavy dust on glass surface, before using the product, please clean a small area similar to the size of the product for adsorption.

TIPS:

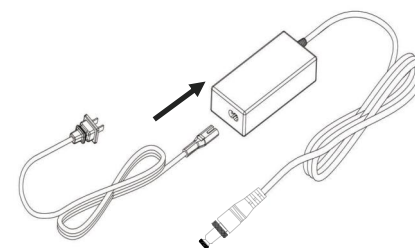
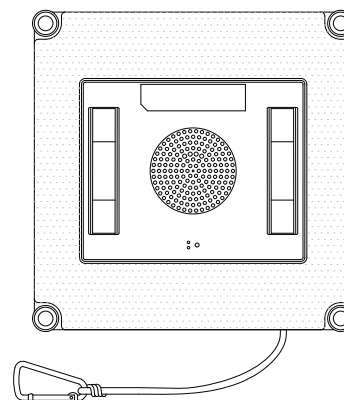
- If there are unmovable obstacles (such as protective fence, furniture, etc.) in front of the window, only when the distance between the window and the obstacle is more than 10.5cm can this product be used.
- When the product is working on a horizontal glass surface, the remote control should be used to control the operation of the product.
- If you use this product on a window that is not completely vertical, the product may not work properly, please make sure that someone is watching over the product and can provide help if necessary.
- This product cannot be used upside down.

3.Product Usage

3.2 Installation of Cleaning Cloth

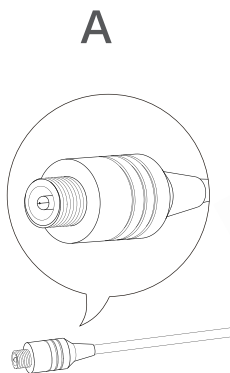
3.3 Connecting with Power Adapter

Align the clean cloth with the product and stick it flatly inside the adsorption plate at the bottom of the product

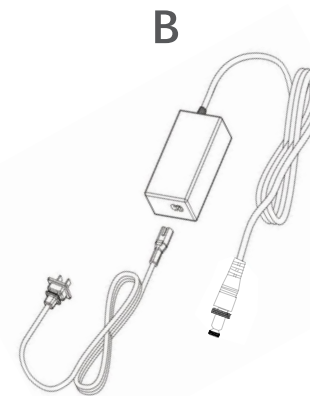


3.4 Assembly of Safety Rope

Before using the product, please fix the product with a safety rope assembly to improve product safety performance



Power cord of the robot



Power cord of adapter



Safety rope

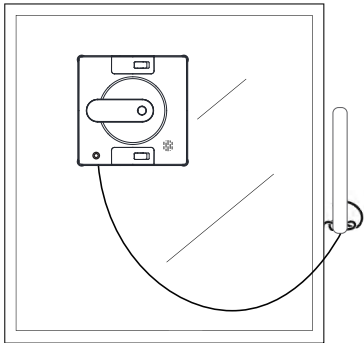
3.Product Usage

Use extension cords if needed

Depending on the actual distance or glass size, an extension cord can be used to increase the length.

Each extension cord is 2 meters.

Note: when the product is used outdoors, 1 extension cord can be used at most.

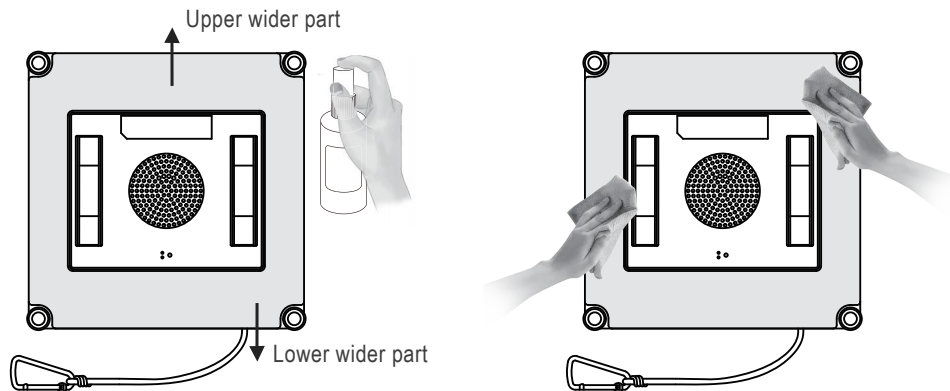


3.5 Installation of Safety Rope Buckle

When using the product, the safety rope needs to be fixed in a certain position of the room.

When using the product to clean the glass outside, please close the window, the gap of the window is slightly larger than the diameter of safety rope. (Do not exceed the diameter of safety rope buckle)

3.6 Spray Cleaning Solution



TIPS:

- Spray cleaning solution evenly on the cleaning cloth, the amount can be determined according to the contaminations of glass. It is recommended to spray 5 times evenly on the upper and lower wider parts of cleaning cloth.
- After spraying, wipe off extra water on the wheels with dry cloth to avoid slipping while the product is working.
- The package comes with empty spraying bottle without cleaning solution inside, the user need to buy suitable cleaning solution at local market and fill it into the empty spraying bottle.

3.Product Usage

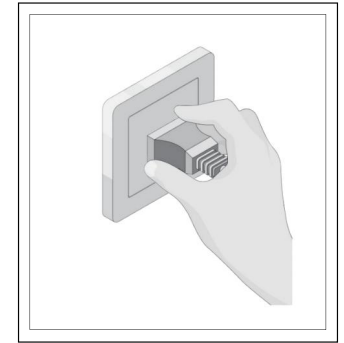
3.7 How to Use

1 .Connect with power adapter

Connect the adapter plug to the wall outlet and connect the DC connector with the robot, blue light remains on.

• TIPS•

Do not cut off the power supply while the product is cleaning. If the power is cut off, the product will be at risk of falling down.

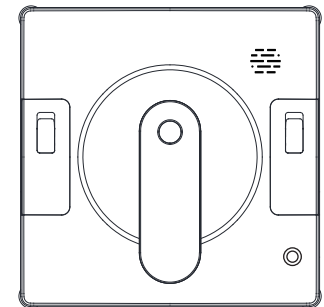


2. Short press “On/Off” button

Short press “⏻” button, blue light flashes, the vacuum motor starts working.

• TIPS•

Keep vacuum motor away from small items to prevent from blockage.



3. Attach to the glass

Put the robot on the glass with distance no less than 10cm to the frame of glass, after successful adsorption, blue light remains on.

• TIPS•

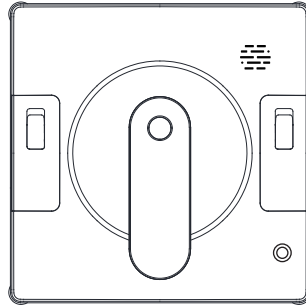
When there are unmovable obstacles (such as protective fence, furniture, etc.) in front of window, only when the gap between window and the obstacle is more than 10.5cm can this product be used.

3.8 Complete Cleaning

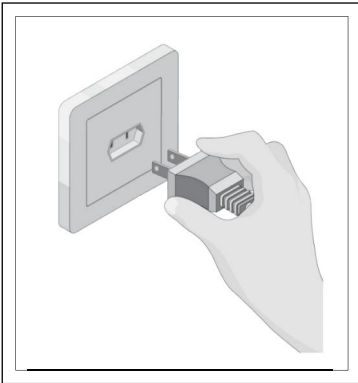
Robot returns to the position near to its starting place when cleaning is completed, and with beep sound.

1. Remove the product

Hold on the handle and press “⏻” button about 3-5 seconds to switch off the robot. Take down the robot when motor stop working. Use a dry cloth to gently wipe off the product imprint on the glass.



2. Cut off the power supply



• NOTE •

If red light alarm occurs during cleaning, please check whether or not the power adapter is connected and powered normally. After the connection is normal, blue light of the product remains on, and the robot will automatically resume working;

If the power adapter is connected to the product normally, and red light alarm still occurs, please press the arrow key on remote control to remove the product. When blue light remains on, press “On/Off” button on remote control to resume working.

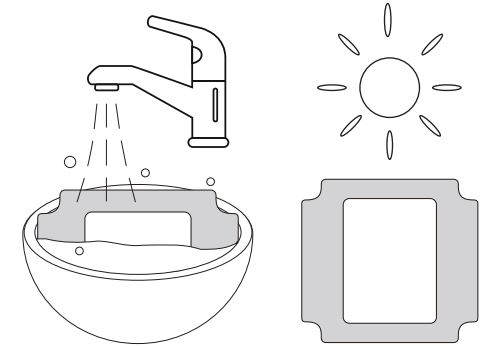
4.Maintenance

4.1 Clean Cleaning Cloth

Take off the cleaning cloth, soak in water (about 20 ℃) for 2 minutes, then gently wash by hands and dry in the air before use.

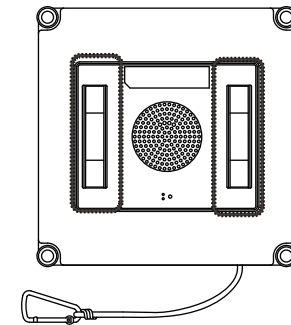
• TIPS •

To avoid slipping during use, please do not use the cleaning cloth directly after washing. Good maintenance is conducive to prolonging the service life of the cloth. After the product has been used for a period of time, if the cloth cannot stick tightly to the velcro, replace it in time to achieve the best cleaning effect.



4.2 Clean Wheels

Connect to power adapter, blue led light remains on, press “⏻” on remote control, wheels start to work. Use clean cloth with some cleaning solution to clean the wheels. Press “▶” button to stop wheels.



• TIPS •

To avoid slippage, please clean the dusty wheels or wet wheels timely.

5. Indicator Light & Prompt Sound

Indicator Light & Prompt Sound

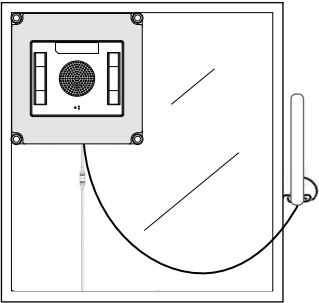
Status of indication light	Situation
Red and blue lights flash alternately	The safe backup battery is low , the robot is charging
Blue light remains on	The robot is powered on normally
	The robot adsorbed successfully and entered into standby state
Blue light flashes	Works normally, continue to operate the robot, attach the robot to the glass
Red light flashes	The power adapter is powered off
Red light remains on	If red light remains on during cleaning, it indicates that wheels is overloaded
	The robot enters into standby mode

6. Trouble Shooting

Phenomenon	Reason	Solution
Red light remains on	Wheels overloaded	Press “N” path on remote control first then press “Z” path, it will turn to blue light; Short press “On/Off” button on the robot, it will turn to blue light .
Red light flashes with prompt sound	Power adapter disconnect with power supply	a. Connect with power supply, press On/Off button to resume cleaning b. In the case of power failure of the robot, press arrow keys on remote control, move the robot to an easily accessible place and remove the product * There are certain risks associated with using the remote control in the case of power failure of the robot, please make sure there is someone to provide help
Wheels-slippage , cleaning path is abnormal	Glass surface is too dirty	a. Clean the wheels b. Change cleaning cloth * This product is not suitable for cleaning those heavily dirty glass.
Remote control non-working	When the robot is cleaning normally, only “Start/Stop” button on remote control works	Stop cleaning first, then press other buttons on remote control

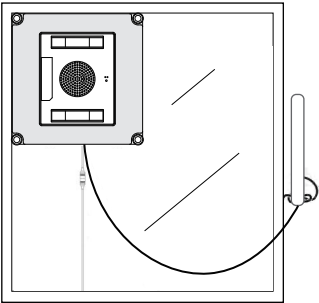
6. Trouble Shooting

Phenomenon	Solution
Cannot walk in a straight line	1. Connect the robot to the power supply, blue light stays on (no need to start the robot) 2. Place the robot to the framed area and hold on the robot (the direction of the wheels is vertical). Make sure the edges of the robot fuselage are close to the frame. (picture a.) 3. Press “automatic water spraying” button on remote control six times in succession, blue light flashes. Press again, red light keeps flashing about 15s then turn to blue light flashes. 4. Change the wheel’s direction to make the wheels’ direction is horizontal. Press “automatic water spraying” button again, red light keeps flashing about 15s, then blue light stays on. It means the alignment of horizontal direction is finished.(picture b.) 5. Disconnect the DC cable on the robot and reconnect again.



picture a

Note: The direction of the wheels is vertical.



picture b

Note: The direction of the wheels is horizontal.

7.Connecting to SMART LIFE App

1.Install APP

Download the App by scanning the QR code with your cell phone or Search for "Smart Life" in the mobile app market and download the app.

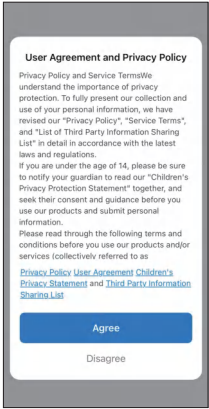


[Fig1]

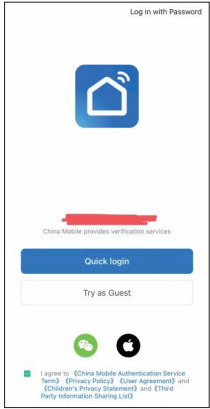
2.Sign-in/Login & Add Device

[Turn on the Bluetooth function on your mobile phone]

- (1).Connect the robot with power supply, blue light is on
- (2).Turn on SMART LIFE App, choose “ Agree”
- (3). Login in your account



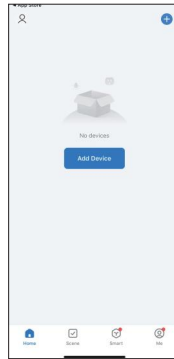
[Fig2]



[Fig3]

3.Add Device

By clicking the middle of the screen [Add Device] or the right hand side corner [+] to add new device. Click [Add] under Discovering devices



[Fig4]

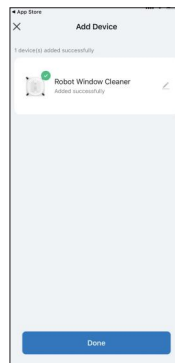


[Fig5]

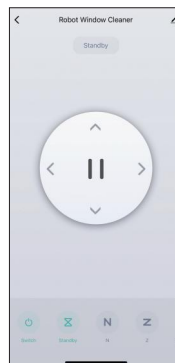
4.Connection Success

Tips: If the APP cannot find the robot, please unbind device and reconnect again:

- (1). Press “  ” on remote control, blue & red light flash
- (2). Disconnect the power cable from the robot, indicator light is off
- (3). Reconnect the robot with power cable, blue light is on, turn on APP to reconnect again



[Fig6]



[Fig7]