

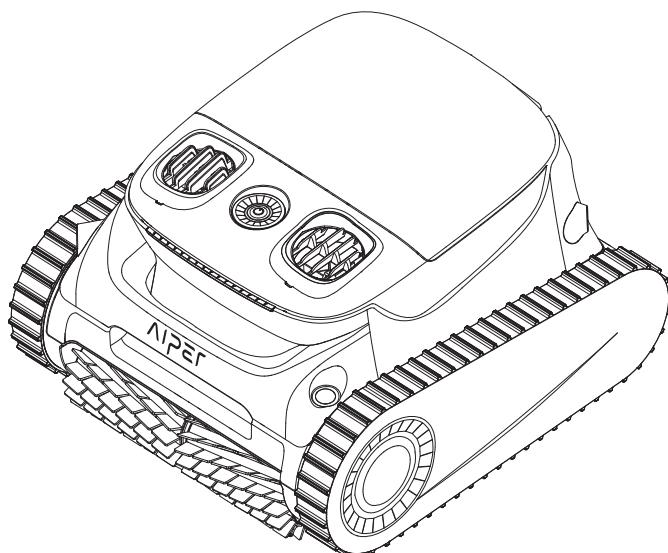
AIPER®

— bring vacation home —

# ROBOTIC POOL CLEANER

## User Manual

Aiper Scuba S1 Pro  
Aiper Scuba N1 Pro



## FCC Statement

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.

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

**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:

- (1) Reorient or relocate the receiving antenna.
- (2) Increase the separation between the equipment and receiver.
- (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- (4) Consult the dealer or an experienced radio / TV technician for help.

## Radiation Exposure Statement:

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

## IC Statement

This device complies with Industry Canada license - ICES-003. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Radiation Exposure Statement:

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

Importer. Aiper Intelligent, LLC.

Address: 13851 Ramona Ave, Chino, CA 91710, USA.

US Toll-Free: 1-866-850-0666

AU Toll-Free: +61(180)049-7023

Thank you for choosing Aiper.

You've now joined a family of millions who have already put their trust in Aiper to take care of their pools and are enjoying the convenience of a pristinely clean pool.

This user manual will help you maintain your Aiper pool cleaner and ensure it performs at its maximum efficiency for years to come. Please take a few minutes to read through this manual.

If you have any questions, please visit our website at [www.aiper.com](http://www.aiper.com) and contact our customer service team for assistance or more information.

### Aiper Customer Service:

US Toll-Free: 1-866-850-0666

AU Toll-Free: +61(180)049-7023

Email: [service@aiper.com](mailto:service@aiper.com)

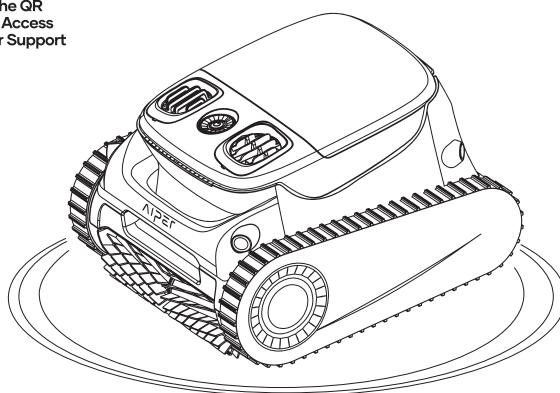
Facebook: [@AiperOfficial](https://www.facebook.com/@AiperOfficial)



Scan for  
Video Guide



Scan the QR  
Code to Access  
Customer Support



---

**English**

# CONTENTS

Important Safety Precautions -----	4
1. Structure -----	5
2. Specifications & Working Conditions -----	6
3. Charging -----	7
4. Using Your Aiper Pool Cleaner -----	8
5. Operating Your Device -----	8
6. Disassembly and Cleaning -----	14
7. Aiper App User Guide -----	16
8. Maintenance -----	17
9. Storage -----	23
10. LED Indicator -----	24
11. Packing List -----	25
12. Warranty -----	25

## ⚠ Important Safety Precautions

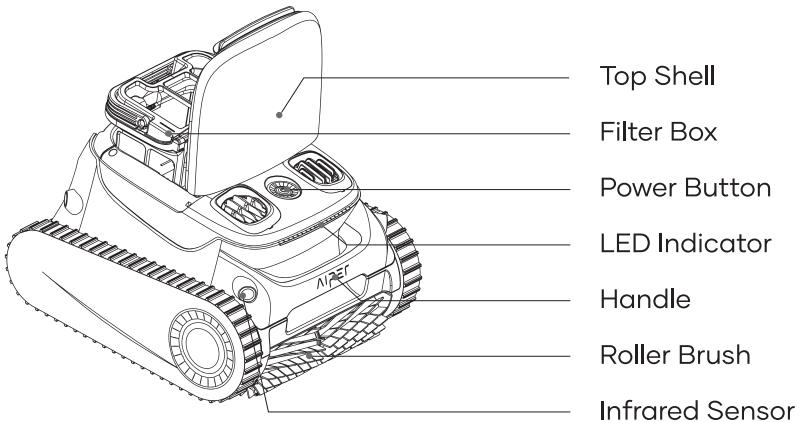
Please read this manual carefully and use your Aiper pool cleaner in accordance with the manual instructions. Aiper is not liable for any losses or injuries caused by improper use of this device.

**For your safety and optimal performance of this device, please read and follow the following suggestions.**

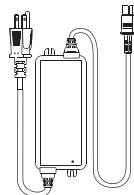
1. Do not operate your Aiper pool cleaner while people or animals are in the pool.
2. Turn the cleaner off while not in use or while performing maintenance.
3. Do not allow children to ride the Aiper pool cleaner under any circumstances. Please supervise children when they are around an operational Aiper pool cleaner.
4. Use only authorized Aiper power adapters.
5. The adapter cord should only be replaced by a qualified electrician or Aiper Customer Care.
6. It's suggested to plug the power adapter into a power strip or surge protector and not directly into an electrical outlet.
7. Ensure your device is powered off and the charging port is dry before charging. While charging, your Aiper pool cleaner should be kept in a cool place. Do not cover your Aiper pool cleaner while charging as this may cause components to overheat.
8. Please store the machine indoors or in a cool place when not in use.
9. Do not run your Aiper pool cleaner out of the water as it may lead to overheating.
10. Only certified professionals should disassemble the sealed driving kit of your Aiper pool cleaner.
11. Do not operate your Aiper pool cleaner and pool filter simultaneously.
12. The oil sealing around the motor contains grease, which may cause a small amount of water pollution if the motor is damaged. If you believe there is a leak, stop using the unit immediately.
13. Do not pierce the shell of your Aiper pool cleaner, throw, or damage the cleaner intentionally.
14. When putting your device into the water, the front of the machine must face upwards and should never be placed upside down or directly thrown into the swimming pool.

**Please read this user manual carefully before operating the device.**

## 1. Structure



Retrieval Hook



Charger

## 2. Specifications & Working Conditions

1. Pool Size: 2150 Sq.ft/ 200m<sup>2</sup>
2. Charger Input: 100-240V, 60/50Hz, Max 2.5A
3. Charger Output: 29.4V/3A
4. Charging Time: 4 Hours
5. Battery Life: Up to 180 Minutes
6. IP Grade: IPX8 Waterproof
7. Water Depth: 10ft(3m)
8. Suction Power: 110GPM (420LPM)
9. Battery Pack: 7800mAh (196.56Wh)
10. Battery Pack Voltage: 25.2V

### CAUTION:

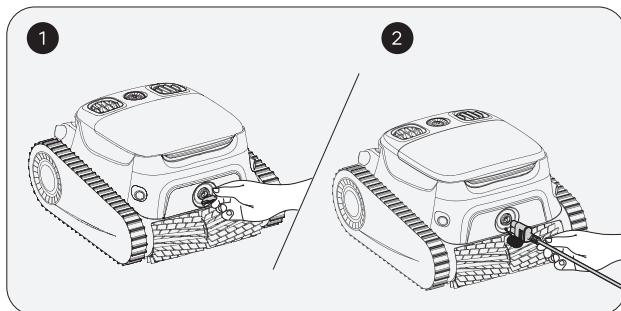
Do not use the device in a pool environment beyond the conditions described below, doing so may cause damage to the device that will not be covered by your warranty.

- Temperature: 50-95°F (10-35°C)
- pH Value: 7.0-7.4
- Chlorine: Maximum 4 ppm
- NaCl: Maximum 5000 ppm

### 3. Charging

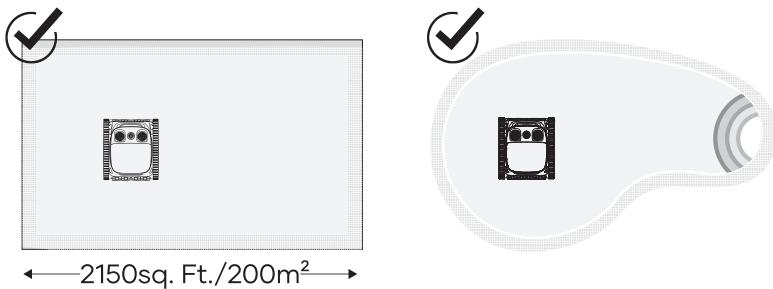
**CAUTION:** Do not charge the device in direct sunlight.

- a. Fully charge the device before using it to clean your pool.
- b. Before charging, remove the charging port cover to check if there is any residual water in the charging port. If so, wipe dry the charging port before charging.
- c. Insert the charging cable into the charging port of the device and then into an available electrical outlet. The LED indicator on the device will start to pulse, indicating that the device is being charged. When it is fully charged, the LED indicator will remain on.



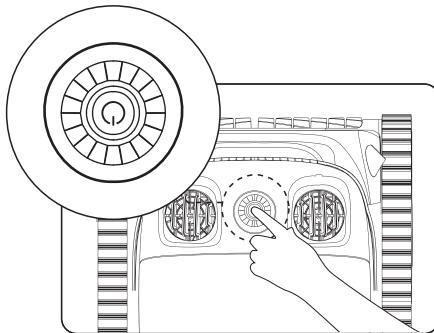
## 4. Using Your Aiper Pool Cleaner

- a. This device is suitable for cleaning the floors, walls, and waterlines of your pool within an area of up to 2150 Sq.ft/ 200m<sup>2</sup>.



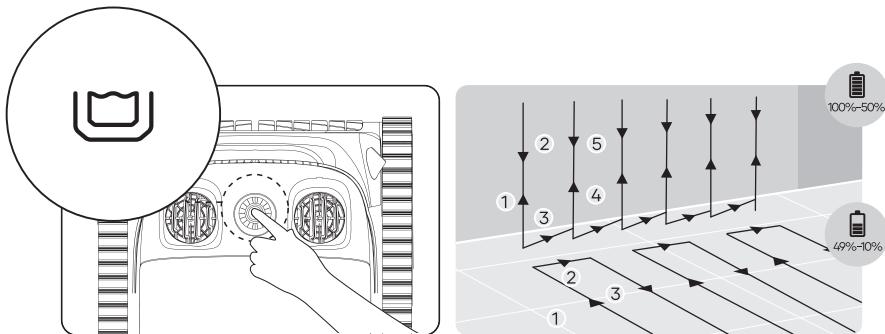
## 5. Operating Your Device

- a. Press and hold the Power Button for 2s to turn on/off the device.



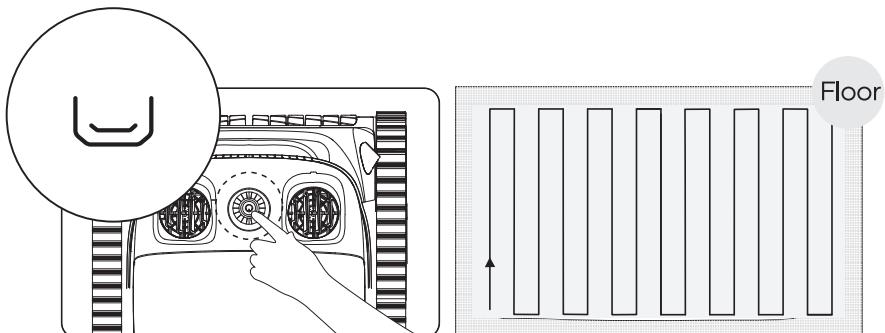
b. Auto mode is the default mode for this device once turned on. Press the button to switch between Auto, Floor, Waterline, and Eco Mode.

1) Auto Mode: The device will clean your pool's floors and walls. When the battery level is low (LED indicator turns solid red), the device will automatically stop cleaning and dock.



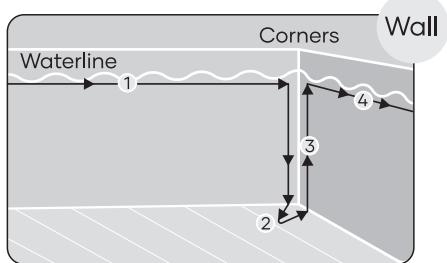
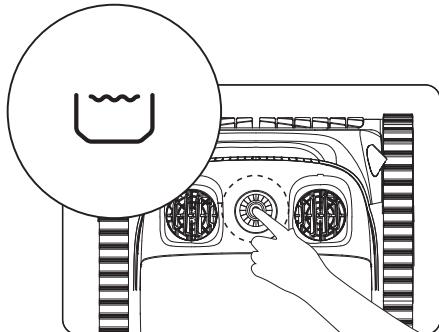
**Auto Mode: cleaning the pool**

2) Floor Mode: The device will clean the pool floor in a S-shaped route, without climbing or cleaning walls. When the battery level is low, the device will automatically stop cleaning and dock.



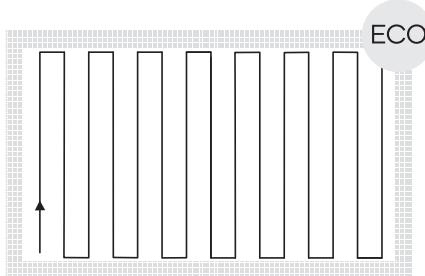
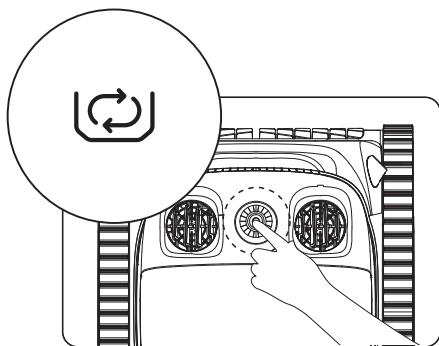
**Floor Mode**

3) Waterline Mode: The machine will move horizontally and clean along the waterline. When running into corners or obstacles on the pool walls, it will descend from the waterline, switch walls or bypass obstacles, and resume cleaning.



### Waterline Mode

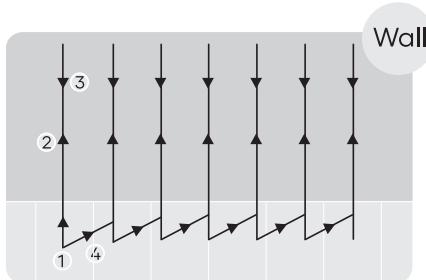
4) Eco Mode: On a fully charged battery, the device will clean the floor of your pool for 45 min once every 48 hours for one week.



### Eco Mode

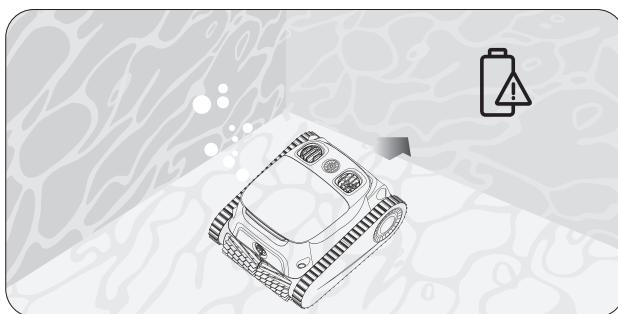
5) Wall Mode: Only configurable via the Aiper APP, the device will clean the pool walls in an N-shaped route, and not clean the floors. When the battery level is low, the device will automatically stop cleaning and dock.

Note: This feature is only configurable in the Aiper APP. Additionally, if you have not purchased the Aiper HydroComm, the APP can only be used when the device is outside the water. Once the device is underwater, the APP will lose connection with it.

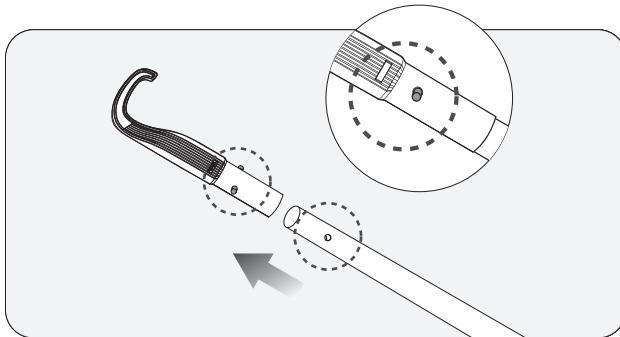


**Wall Mode**

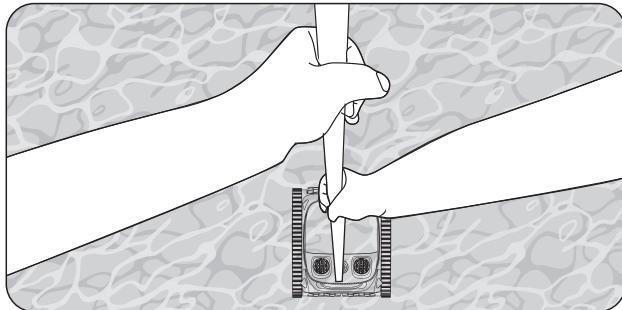
- c. After selecting a cleaning mode, the device will rotate its water pump every 10 seconds, 3 times in total, to check if it has been put into the pool. If the device fails to detect water during this process, it will automatically shut down. The device will start cleaning within 10 seconds of reaching the pool floor.
- d. When the battery level is low, the device will automatically stop cleaning and dock by the nearest wall.



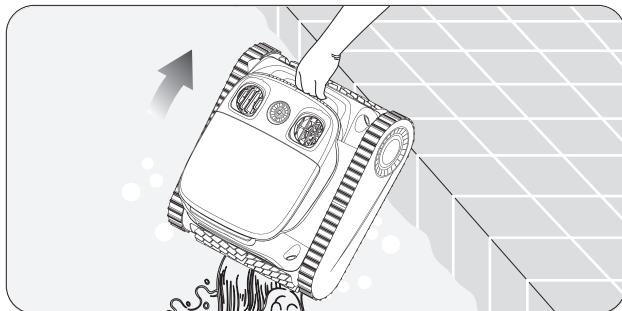
- e. Lift the device from the pool floor with a hook to prevent getting wet. Users can connect the hook to any standard pool cleaning rod (not included) to extend the reach of the hook.



f. Allow the device to drain any stored water before storing it.

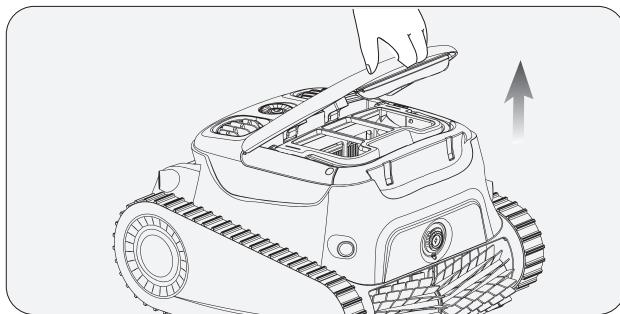


g. Hold the handle and allow the device to drain any stored water.

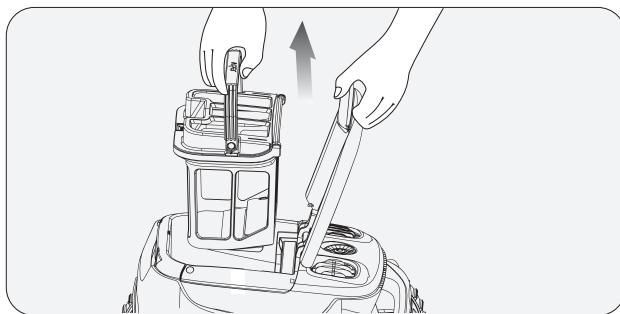


## 6. Disassembly and Cleaning

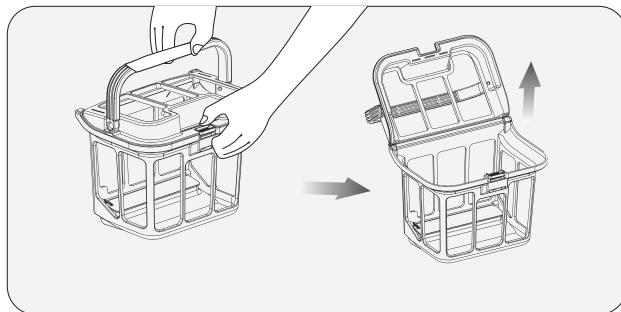
- a. Set aside the device in a safe, secure location and open the Top Shell.



- b. Remove the Filter Box by lifting its handle.

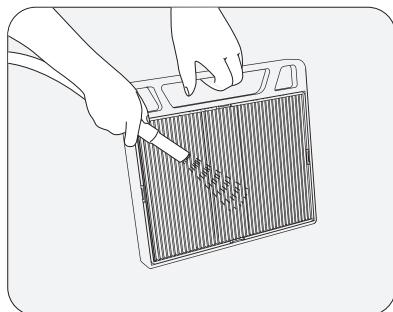
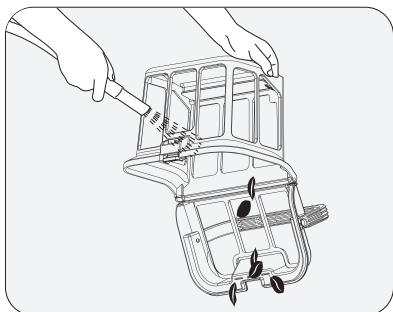


c. Press the latch of the top shells latch of the filter box and at the same time pull up on the top cover handle to open the filter box.



d. Empty the Filter Box, rinse, and replace it back into the device once cleaned.

e. Please remove and clean the ultra-fine filter immediately after cleaning is complete to avoid accumulation of dirt and debris which may damage the filter. It is recommended to use a high-pressure water gun to flush any accumulated debris immediately.



## 7. Aiper App User Guide

### 7.1 How to download and install the Aiper App

- Search for "Aiper" in your devices App store, download, and install the APP on your mobile.
- Start the app and register. Then log in to the app using the data (email address and password) that you provided during registration.



### 7.2 How to Add and Use Devices

- Before adding a device, please confirm the following:
  - The area where the device is used has 2.4G Wi-Fi coverage. 5G Wi-Fi is not supported.
  - Your phone supports Wi-Fi and Bluetooth, and Bluetooth is activated.
  - The phone is within 20ft/6m of your new device.
- Tap the "+" in the top right corner of the App's homepage, select "Add Device", and follow the instructions to add the device.
- After adding the device, you can configure and view your Aiper device and features in the Aiper APP.

**Note:** If you have not purchased the Aiper HydroComm, some features of your device will only be accessible while your device is out of the water. Once submerged, you will lose connection and cannot control your device via the APP.

The Aiper HydroComm enables underwater communication and internet connectivity for your Aiper device, offering features such as waterline recall, real-time control, underwater cleaning mode switching, 24/7 water quality monitoring, and real-time fault reporting. Inquiries for purchase are welcome at Aiper.