



Chasing Innovation 2AMODCHASINGF1 PROTOTYPE Fishfinder Drone User Manual

[Home](#) » [CHASING INNOVATION](#) » Chasing Innovation 2AMODCHASINGF1 PROTOTYPE Fishfinder Drone User Manual 

Contents

- [1 Chasing Innovation 2AMODCHASINGF1 PROTOTYPE Fishfinder Drone](#)
- [2 Packing list](#)
- [3 Use method and precautions \(\) Use method](#)
- [4 App Instructions](#)
- [5 Detailed operation](#)
- [6 5. Machine control](#)
- [7 Picture Download](#)
- [8 FCC/ISED Statement](#)
- [9 Documents / Resources](#)
- [10 Related Posts](#)



Chasing Innovation 2AMODCHASINGF1 PROTOTYPE Fishfinder Drone





Packing list

Name	qty	Mark
Watercraft	1	standard
Small camera probe	1	standard, include bolt and lead pendant
Antenna	2	standard
Battery	1	standard
Charger	1	standard
Sonar stand	1	standard
Packing Box	1	standard
Bait Boat	1	Non standard

Use method and precautions () Use method

1, preparation	<p>Unpack and check that the items listed in the bill of materials in the package are complete;</p> <p>Check the prototype appearance and structural status to confirm that there is no damage;</p> <p>Remove the battery and charge fully ;</p>
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2, download and install CHASIN G GO2.	Please contact CHASING
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3, Install the machine	<p>Install the battery filled to the bottom of the water boat corresponding position, when installing attention to the battery orientation, load the battery, press hard, when heard the sound of crisp, the battery has been installed in place, check to confirm that the red ring of the fast buckle is correctly buckled in.</p> 
	<p>②Screw the antenna into the antenna mounting seat and tighten it.</p> 

Connect the probe and the watercraft

- a) Check that the cable of the lamp at the probe is connected to the probe interface and is fastened in place (shown in 1);)
- b) Connect the connector of the watercraft to the probe cable socket (shown in 2) and tighten the nut.
- c) Clamp the cable clip of the watercraft to the probe (shown in 3), align with the mounting hole, and then forcefully insert the cylinder bolt into the hole.




	Press the switch (at the red circle in the figure), the power light on the switch lights up and the direction light will flash. Connect your phone's Wi-Fi to the machine and open the APP to operate it.
Sonar bracket installation	<p>Connect the sonar bracket to the watercraft. Clip the sonar bracket connector to the watercraft and move it slightly to make sure it won't detach.</p> 

Bait Boat	<p>Connect the bait boat to the watercraft with the equipped cable</p> 
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()Precautions

1	<p>Don't confuse mis-insertion with the probe rear infrared lamp mount and data cable plug.</p>
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2	<p>Battery compartment disassembly method: when installing the battery, pay attention to the orientation of the battery, and ensure that the installation is in place, when removing the battery, press the limit snap on the battery in the direction of the arrow in the figure to pull the battery out.</p>  <p>The pictures are for reference only</p>
3	<p>Before use, please check whether the battery is installed in place, probe plug-in is installed in place and tightened, data wire and probe, probe and lead pendant is securely connected, whether the thruster is loose and the top TF waterproof cover is properly installed buckle, whether the antenna is installed solid.</p>
4	Do not touch the thruster after unlocking.
5	<p>Please pay attention to whether the metal ring on the handle is on the top plane. If so, please remove the handle, which may cause GPS interference.</p>
6	<p>As the machine is an engineering prototype, the materials used are different from the final product materials. Compared with the final product, the prototype is more likely to be damaged after collision and heating.</p>
7	<p>Do not unplug and plug the cable after the power is turned on, otherwise the machine will be damaged.</p>
8	The socket at the end of the watercraft should cover the cover when not in use
9	<p>If the plug of the machine is touched with water, please turn off the power first and use the towel to absorb the water stain, in case the machine is damaged by short circuit.</p>

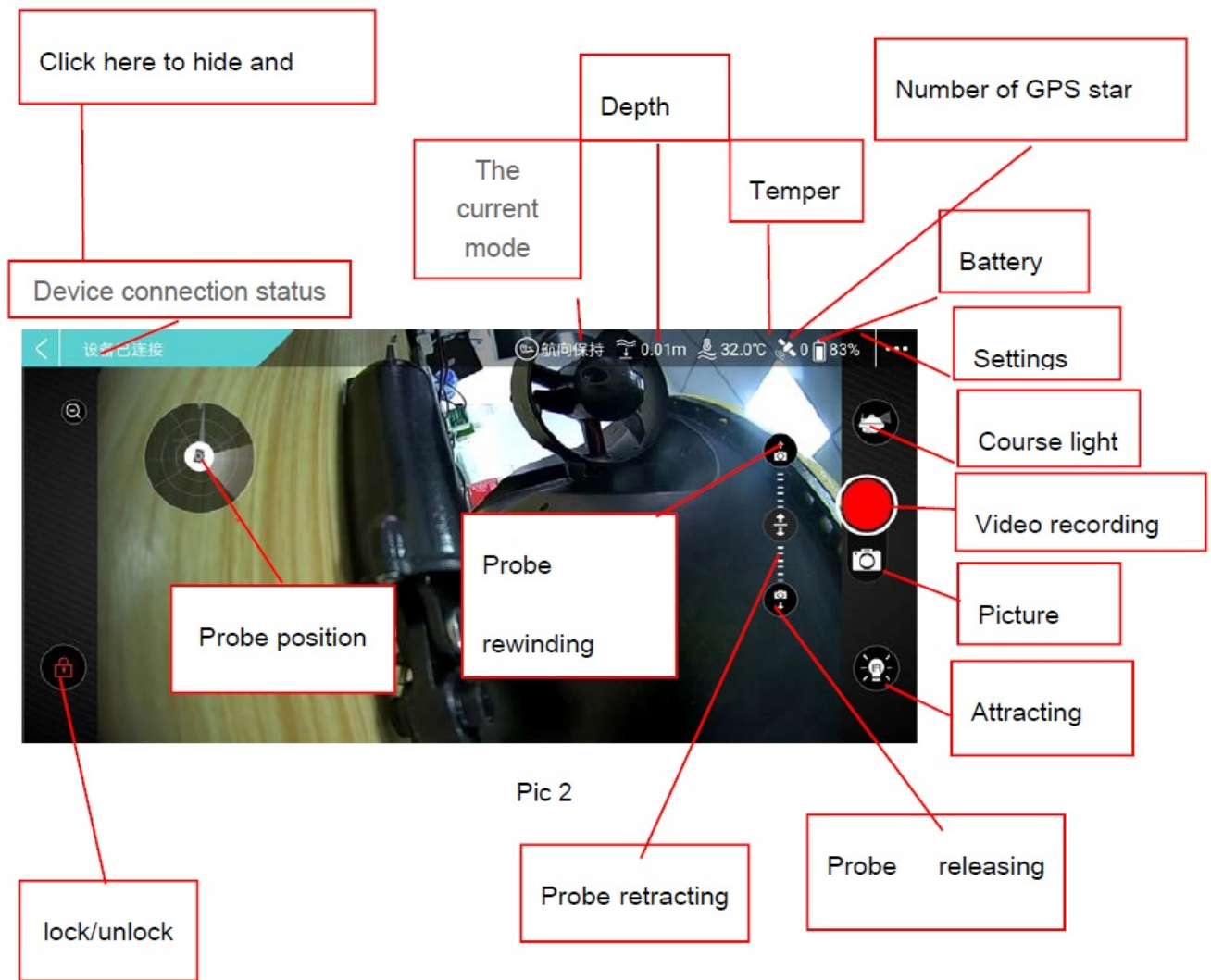
App Instructions

APP download and connection



Contact CHASING to download and install the App. Find the SSID code for Wi-Fi under the watercraft, which is the last 6 digits of the SSID, such as ABC123, and the Wi-Fi name is Chasing_XXXXXXABC123. Turn on the device, mobile phone connected device Wi-Fi, password 12345678, after successful connection, open the App, click the “Enter the camera” button, as shown in picture 1, enter the operating interface, such as picture 3;

App interface Introduction



Pic 2

Detailed operation

1. Lights on and off

Direction Lights: Click on the “Direction Light Button” as shown in Picture 2, and the icon lights up to indicate that the light is on, click again, the icon darkens and the light is off.

Infrared Light(IR): Click on the “IR Light” shown in Picture 2, and the icon lights up to indicate that the light is on, click again, the icon darkens and the light is off.

2. Picture and video

Photos can be taken while recording

3. Wind-up and Wind-down

• Manual

- The speed of the probe releasing and retracting can be controlled by adjusting the slider, more closer to the end of sides, more faster.
- Wind-up Slide up and press long, release to stop
- Wind-down: Slide down and press long, release to stop

• Auto

- When the auto retracting and releasing button is clicked, the manual icon will be changed into the speed adjustment icon, and the speed can be adjusted by sliding slider.
- Wind-up: Click the probe retracting slider, click again to stop
- Wind-down: Click the probe releasing slider, click again to stop

- **Note**

When the wire retracting is nearly completed, please pay attention to adjust the speed to a slow speed to avoid damage to the probe or the cable;

Do not release or retract the probe before the watercraft get into the water.

4. **Unlock the motor**

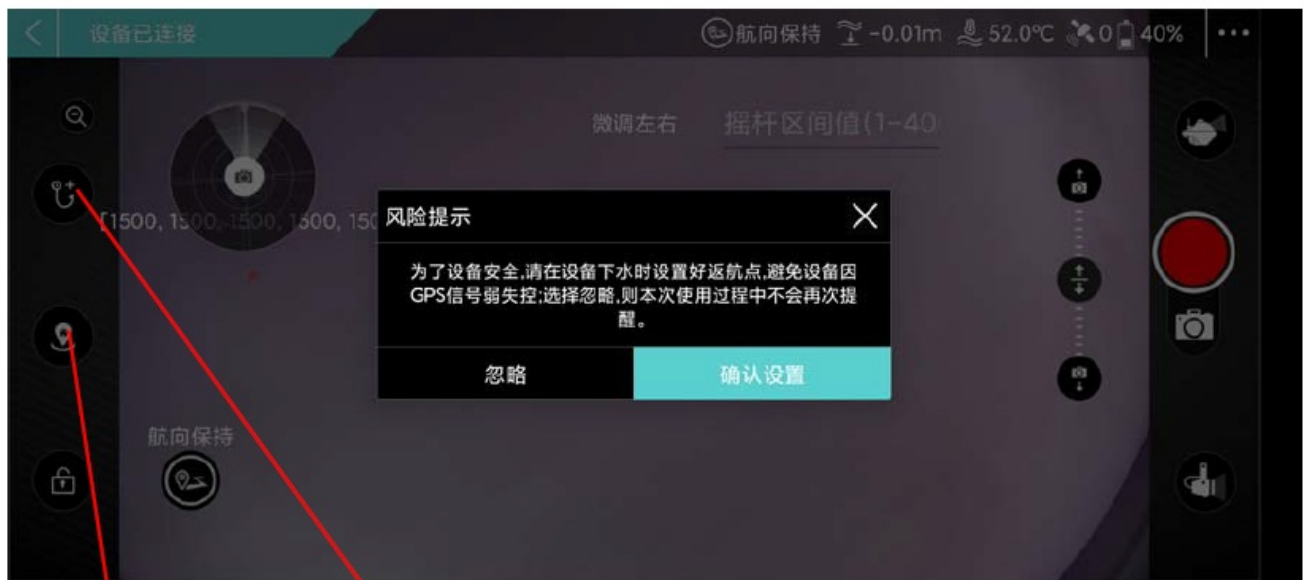
Click the icon in the lower left corner to unlock or lock the motor when use.

5. **Return point setting**

Click “Unlock” button, and a pop-up appears on the interface, as shown in Picture 3. At this time, click “Confirm Settings” as shown in Picture 3, and then set the position of the machine at this time as the turn-back point. If you click “Ignore”, you can set the return point when the machine moves to the position where you want to return. Click “One-key return button” to set the return point

6. **One-key return**

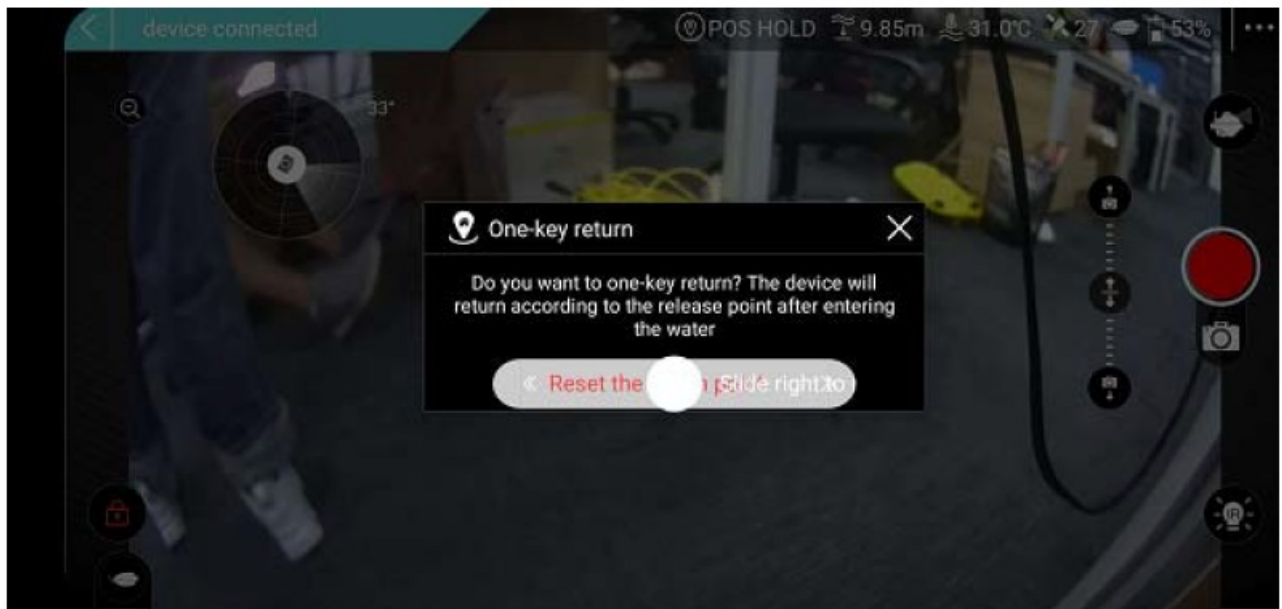
If the return point has been set, click the “one-key return button” again, and the interface as shown in Picture 4 will appear. Slide to the right to perform the one-key return function, and slide to the left to “reset the return point”.



Pic 3

One-key return

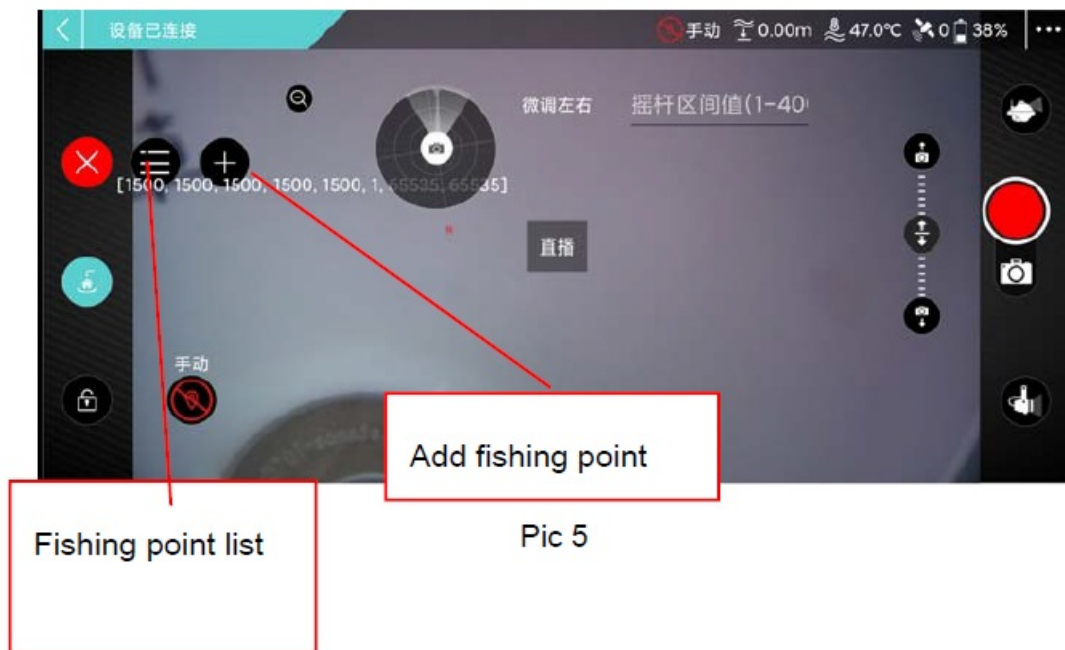
Fishing point function button



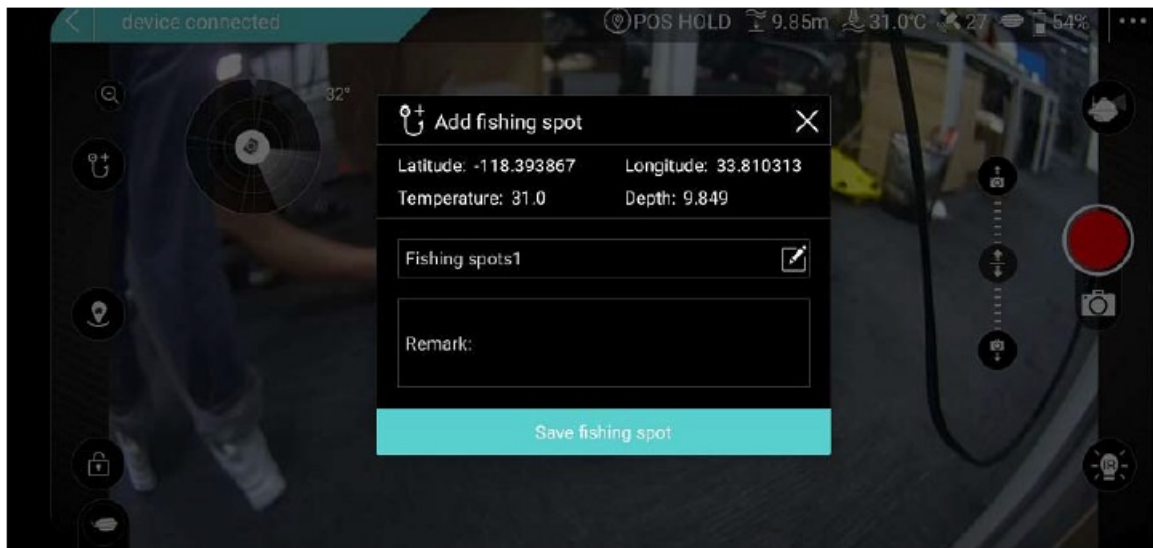
Pic 4

7. Add fishing point

Click the “Fishing point Function” button, and the interface as shown in Figure 5 will appear. Click the “fishing point Add” button, and the interface as shown in Figure 6 will appear. You can name the fishing point and add notes according to your personal needs.



Pic 5

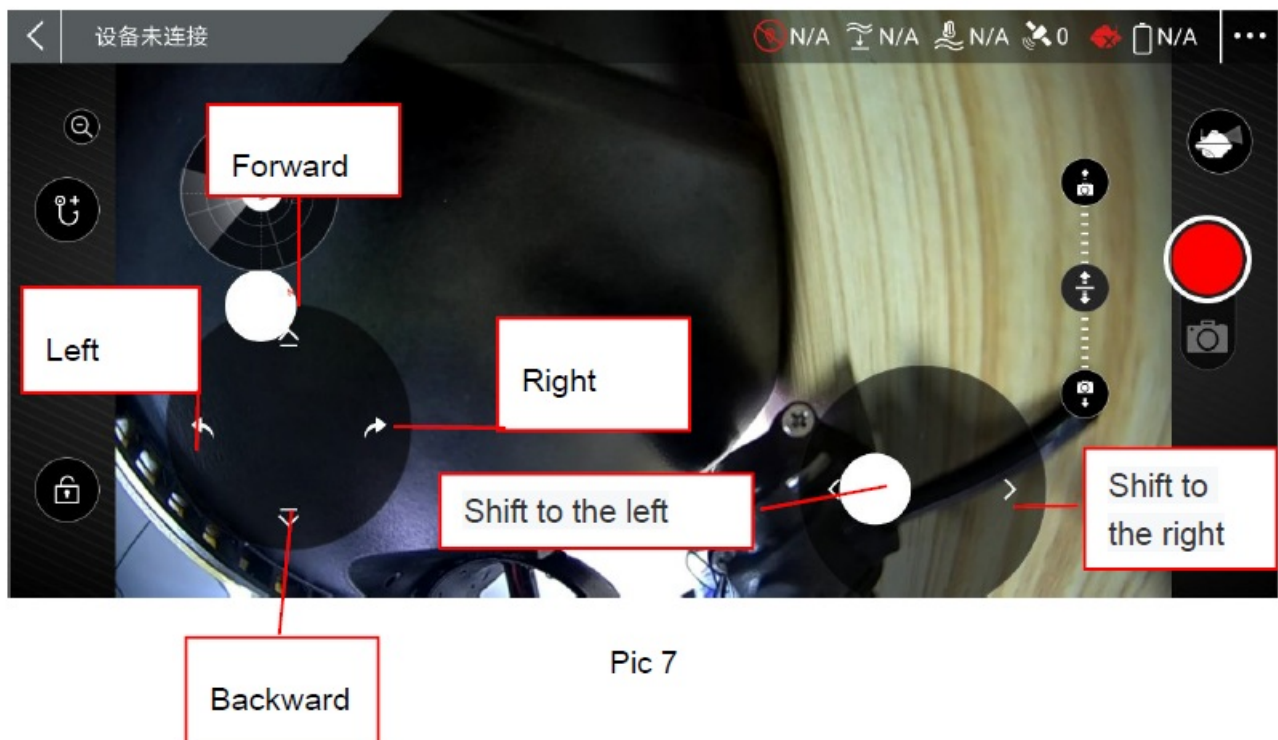


Pic 6

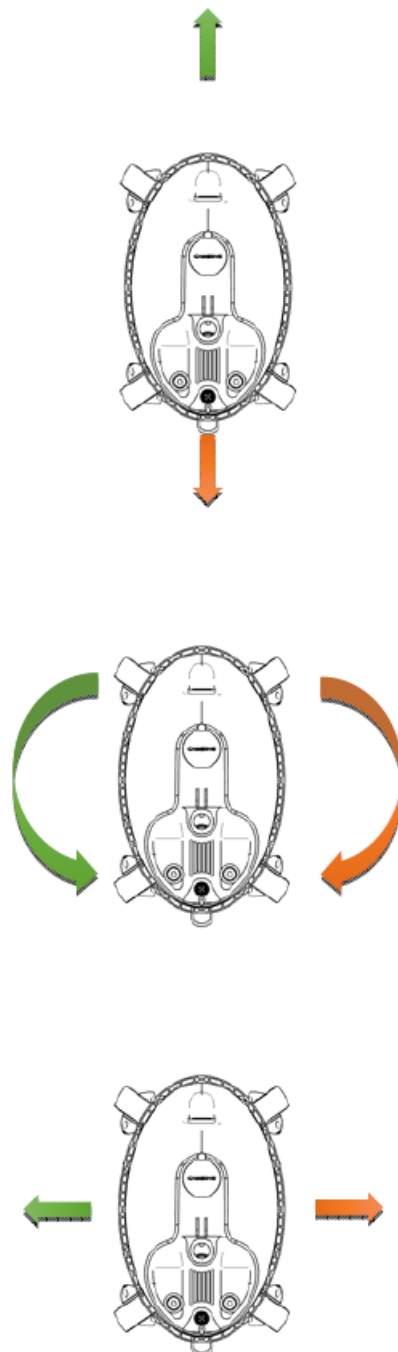
Go the fishing points Click “Go Here” in the list of fishing points and the machine will go to the corresponding fishing point.

5. Machine control

After connecting the mobile phone to the machine, put the machine into the water, unlock the propeller, and touch the left and right margins of the mobile phone display with your finger. Then the icon as shown in Figure 7 appears.

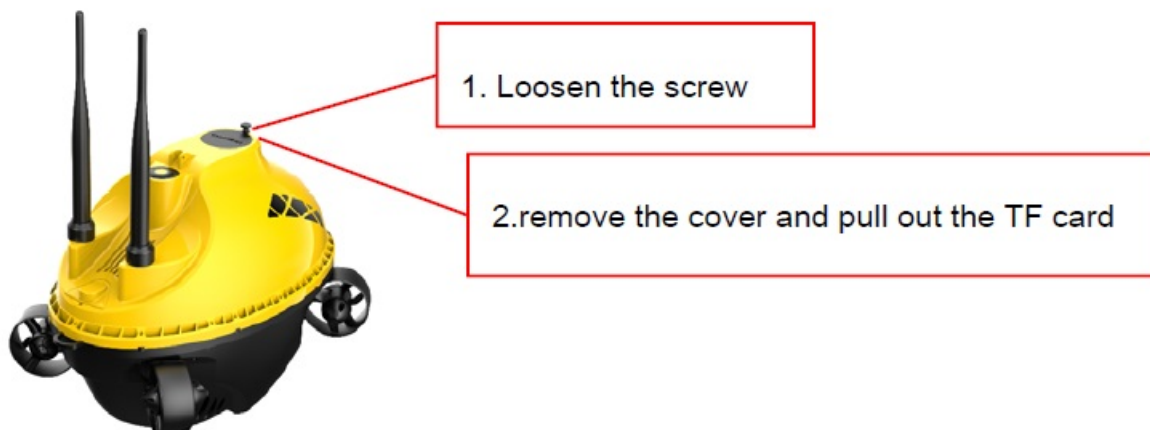


Pic 7



1. forward/backward
2. left/right
3. Pan left/right

Picture Download

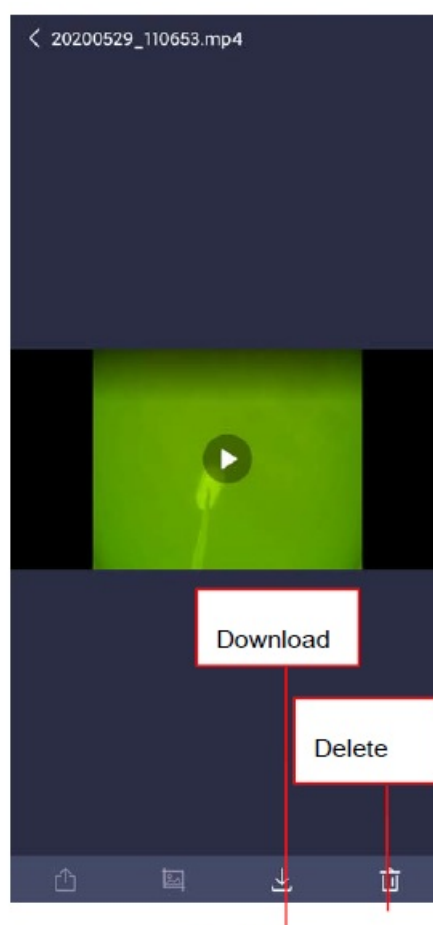


Pic 8

1. Loosen the top screw on the machine, remove the cover plate, then pull out the TF card, and then connect it to the computer
2. Open CHASING GO2 App, enter the Media from the main interface. Find the video/photo that you want to download. Click the download button and the image will be saved directly to the phone/tablet's photo album (Download folder).



Pic 9



Pic 10

Product Parameters		
Product Name	CHASING F1	
Fish Detector	Size(mm)	278x154x215
	Weight	2KG
	Max Depth	28M
	Wire Length	28.5M
	Working Time	4-6 Hours

	Battery Cycle Times	>300 Times
	Working Temperature	-10°C~45°C
Camera	CMOS	1/2.8
	Light Ring	F2.0
	Focal Distance	0.5m
	ISO Range	100-3200
	Viewing Angle	164.6°
	Photo Maximum Resolution	Two-mega-pixel 1920*1080
	Photo Form	JPEG
	Video Resolution	1080P@30Fps 720P@30Fps
	Video Maximum Bitstream	4M
	Video Form	MP4
Sensor	IMU	Triaxial Gyroscope / Accelerometer / Compass
	Depth Sensor	±0.25m
	Temperature Sensor	±2°C
	GPS	±1m
Charger	Power	1.8A/12.6V
	Charging Time	2.4H
LED	IR Infrared Light	7*IR Infrared Light LED

FCC/ISED 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.

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

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.

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard (s). 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.

ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

FCC Radiation Exposure Statement:

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .
- This transmitter must not be coŷlocated or operating in conjunction with any other antenna or transmitter.
- This equipment should be installed and operated with minimum distance 20cm between the radiator &you body.

Documents / Resources

CHASING F1 PROTOTYPE INSTRUCTIONS

1. Finding the

Item	Qty	Notes
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	
Chasing F1 Prototype	1	

2. Use of the

3. Use of the

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