


FIFISH V6 APP/Help/FAQ

V1.4

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Before Dive

1. Can I bring V6 on my flight trips?

The battery capacity is 97.2 Wh and printed in the bottom of V6's shell. This is under the FAA regulations, and most airlines would accept to bring on-board. For more information, please check on the TSA, FAA and your airline's website.

2. Why my V6 LEDs flashing and make sound of "Do Re Mi, Do Mi" when I start it?

This indicating the V6 is active now, and ready to dive. FYI, later batch of V6 will not flash the LED when start.

3. Why my cell phone cannot find remote controller's (RC) Wi-Fi signal?

- a. You can wait over 20 seconds and until the RC's Wi-Fi module has been boosted.
- b. V6's RC is using 5G Hz Wi-Fi module, check your cell phone or tablet manufacture, and make sure it has a 5G Hz Wi-Fi module.
- c. Power OFF and ON, refresh the WLAN on your cell phone settings.
- d. If the RC's Wi-Fi is still not able to show, feel free to contact us at support@qysea.com

4. Why the thrusters/motors/propellers keep running in the air when everything has been connected?

This is due to the V6's algorithm is trying to keep balancing itself. It is normal behavior. Please do NOT unlock the thrusters in air. In addition, **DO NOT TOUCH THE PROPELLER WHEN IT IS RUNNING!**

5. Why my V6 has been unlock, but it cannot move on the surface? Sometimes, V6 rotating on itself?

This may due to the 2 horizontal motors have not been merged inside water and rotating in the air. In order to get rid of this situation, you can have V6 dive first and turn on the depth holding, make sure every motor has been merged inside water.

6. Which type of smart phone or tablet fit the best for FIFISH App?

Here is the recommended devices list

Apple

iPhones: 12, 12 Pro, 12 Pro Max, 12 mini
11, 11 Pro, 11 Pro Max
SE(2nd),
XS, XS Max, XR,
X, 8 Plus

iPad mini: 5th (2019), 4th (2015)

iPad: 8th (2020), 7th (2019), 6th (2018), 5th (2017)

iPad Air: 4th (2020), 3rd (2019)

iPad Pro: 10.5-in (2017),
11-in (2018), 11-in 2nd (2020), 11-in 3rd (2021)
12.9-in (2017), 12.9-in (2018), 12.9-in 4th (2020), 12.9-in (2021)

Samsung

Galaxy S: S21 Ultra, S21+, S21
S20 Ultra, S20+, S20
S10+, S10

Galaxy Note: 20 Ultra, 20

Galaxy Tab: S7+, S7
S6, S5e

Huawei

Mate-Series: 40 Pro, 40 Pro+
30 Pro, 30

P-Series: 40, 40 Pro+
30, 30 Pro

MatePad: Pro 10.8-in, Pro 12.6-in

Outdoors Tablet

TRIPLTEK PRO 8GB



Diving with V6

1. Why the FPV (First Person View) on FIFISH App is black when everything has been connected? The ON/OFF button and LUCK/UNLOCK button has lighted up all time.

- a. V6 is only support 2 users at the same time. The third user/devices/tablet/cell phone can connect to the RC's Wi-Fi, but no LIVE-Stream on FPV.
- b. Wait until the "Connected" shows in the right bottom of FIFISH App homepage, then click "Go Dive"
- c. If you have connected with the FIFISH HDMI Box, then only one more device can be connected to V6. Because, the HDMI Box has occupied one user.
- d. Try to forget the RC's Wi-Fi network, and reconnect RC's Wi-Fi network.
- e. iPhone users select "Keep Trying WLAN", when system notice show "*The WLAN network 'FIFISHRC_xxxx' does not appear to be connected to the Internet Do you want to temporarily use cellular data*"
- f. Android user select "Stay connected", when system notice show "*Confirm This WLAN network has no access to the internet. Other WLAN networks are available. Switch networks?*"
- g. If none of the conditions fit for your situations, feel free to contact us at support@qysea.com

2. Why there is a latency on my FPV?


The FIFISH App has a 150 ms to 200 ms (0.15 s to 0.20 s) latency. If your device has a latency longer than this range, here is the solution for you.

- a. The distance between device and RC shall less than 5 meters (16 1/3 feet).
- b. Set the resolution into 480P, rather than 720P. In the bottom of FPV, , then the gear icon , find "Live Resolution", switch to 480P; find "Live Bitrate", then switch to "1M".
- c. For the device (smart phones and tablets) that released earlier than 2017, V6 may not have the best compatibility.
- d. Recommended devices,
Check the "*before dive, #6 Which type of smart phone or tablet fit the best for FIFISH App?*"
- e. In door condition may have the larger latency due to the interference between the house/office Wi-Fi router. Feel free to contact us if that happens when you are in the outdoors environments.

3. Why my depth meter bar is only 5 meters (16 feet)?

In order to give you a simple idea of V6's position, the bar has been scaled into 3 ranges. 1st range, 0 to 5 meters (0 to 16 feet), 5 to 30 meters (16 feet to 98 feet), and 30 to 100 meters (98 to 328 feet). FYI, the depth meter bar will automatically adapt when V6 going deeper.


4. Why my depth meter bar shows over 1 meter (3 feet) before dive?

This symptom may due to the difference between default "0" pressure value and actual "0" value. FYI, the atmosphere pressure may vary depend on elevation and weather. You might consider calibrating via FIFISH App. "... " icon (right top corner), the 3rd column find the icon . Then click the "Gyro-Acce Calibration", then "Mag Calibration". Please, calibrate by following the instructions.

5. The compass in the right corner is turning when I am turning with RC, what is this meaning?

The compass indicates the operators' actual directions. The V6 heading (head direction) is in degrees (0° is North, 90° is East, 180° is South, 270° is West). For more information [check this figure, please.](#)

6. Why the 3D model shows in FPV is not the same with V6's actual orientation?

You might consider calibrating via FIFISH App. "... " icon (right top corner), the 3rd column find the icon . Then click the "Gyro-Acce Calibration", then "Mag Calibration". Please, calibrate by following the instructions.

7. Why the head tracking mode is not working? (the icon is in gray)



in the VR mode, you might consider switching into "C" mode to activate the head tracking feature.

8. My V6 is not performing the way of my command. For example, elevate/dive with a slop, not direct elevate or dive.

- a. Make sure your command is correct, test with only one direction each time.
- b. Retrieve V6 and check the thrusters, make sure there is not entanglements, such as, seaweeds, fishing lines, and plastic bags, etc.
- c. If there is not any entanglements, lock the thrusters and click the “Help” in left bottom corner in homepage of FIFISH App. Click “Maintain”, press “Start”. The 6 motors will rotate slowly. Check if all motors run freely. If not, contact us directly.
- d. If all motors run freely in Maintain, and still not fixed the problem, you might want to consider the calibration steps for V6, check on V6
- e. If the calibration has not solved the problem, you might want to try with RC calibration. The steps are show in this video.
<https://www.qysea.com/support/>
FIFISH V6: Remote Control Calibration
- f. If all of these steps cannot solve the problem, contact us for a remote technical support.

9. I cannot control the V6 and no more live streaming on FPV (accidentally trip over the cord and plug in the cord).

In this case, the connection between V6 and your cell phone has been broken.

Plan #1, wait for the RC will reconnect to V6 and your cell phone, this process will take about 30s.

Plan #2, reboot the RC, and connect with RC’s Wi-Fi, open the FIFISH App again.

10. How to select the control mode?

Methods of Control

Since V6 has 6 degrees of freedom, QYSEA has programed into 3 control modes (A/S/C) for simply your controlling. A is Attitude mode, S is Sport mode, C is the Combination mode.

Attitude Mode

Attitude mode is designed for beginners. The ROV will not roll in Attitude mode. The ROV will stay in same depth moving when depth holding is ON. Even with pitch angle, the depth will be the same.

Sport Mode

Sport mode is designed for skillful pilots. Sport mode will enable the rolling freedom, so, you will access all 6 degree of freedom of V6/V6s. Controlling and moving based on the FPV (Frist Person View), do not operate in third person view. The ROV will only stay in the same depth with no command input, when depth holding ON.

Combination Mode

Combination mode activate the head tracking controlling via FIFISH VR Goggle, which allow pilot to use the FIFISH VR Goggle to pitch, roll and yaw. Combination mode delivers the intuitive control and immersive experiences. Combination mode supports head tracking and remote controller working together.

11. How to set the curvature, what is the move and rotate means?

You can define the curvature for controlling Throttle, which will offer the ultimate operating experiences.

The curvature means the control stick moving angle VS throttle, if 0 means it is linear relationship, if greater than 0, then it means the increasing the slop when increasing the control sticks' displacement angle.

The attenuation value defines the max motor/thruster speed. For example, attenuation 50 is have 50% capacity even the control stick has been moved all the way down.

12. Why my FIFISH cannot start in chill condition?

The design operating temperature rang is – 10 to 60°C (14 to 140°F). Please make sure ROV, RC and Spool are working within this range.

Tips for extreme conditions, such as, high mountains, Antarctica, Arctic Circle, etc.

- Air dry the ROV completely, all parts shall be dry, including the parts inside shell. The sensors perform in ice free condition. If you are facing any difficulty defrost immediately.
- Use a bag with insulator to keep the ROV warm before deploy, the shorter exposure in chill wind comes the better result
- Keep the spool, RC, and ROV around room temperature 20 to 25 °C (68 to 77°F) in preparing stage and after dive. Especially, the smart phone/tablet need to be working above 0 °C (32 °F)

After Dive

1. How to download V6 videos and photos?

You can download videos and photos to your cell phones/tablets, or download the videos and photos to microSD card via FIFISH App. For video tuition, check our website, support section, please.

The microSD card recommendation,

SanDisk Ultra/Extreme/Extreme Pro

Capacity 64GB (NO greater than 128GB)

Format in EXFAT (format in FAT32 if your card is less than 32GB)

2. How could I maintain V6's motors and battery?

For motors maintaining, you can go to lock the thrusters and click the "Help" in left bottom corner in homepage of FIFISH App. Click "Maintain", press "Start".

The FIFISH App will notice you for charge and discharge battery regularly.

3. Why my V6 is beeping all the time (after I have turn ON)?

This is the battery saving alarm. You could turn it OFF by press the "Depth holding" button, and turn on the "depth holding". This way will not trigger the alarm anymore.

4. Why my FIFISH cannot be charged in a chilling day?

Battery charging shall be in the 10 to 45 °C (50 to 113°F).