

FIFISH V6S/V6 Curvature Settings

Version 1.0 2020-05-19

FIFISH Support Team

Application for Curvature Setting

- More accurate operation

Especially useful in grabbing underwater objects with robotic arms.



Curvature Setting System Requirements

- **FIFISH App**

 - iOS System version 3.9.3 or later

 - Android System version 4.4.4 or later

- **Firmware Requirements**

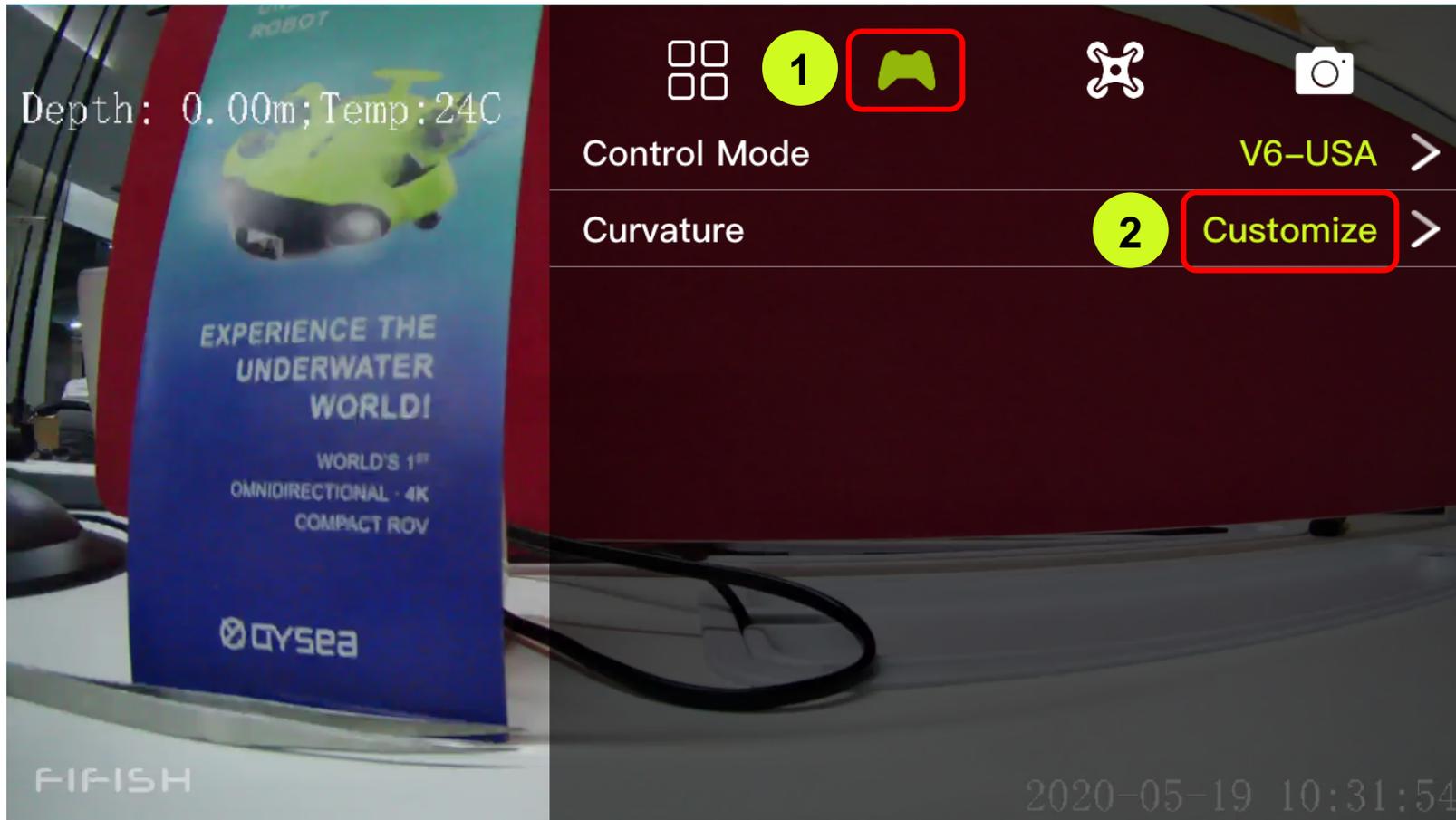
 - Wi-Fi Version v0518.20200320

 - V6 Version v0131.20200325.4134

 - Camera Version 20200327



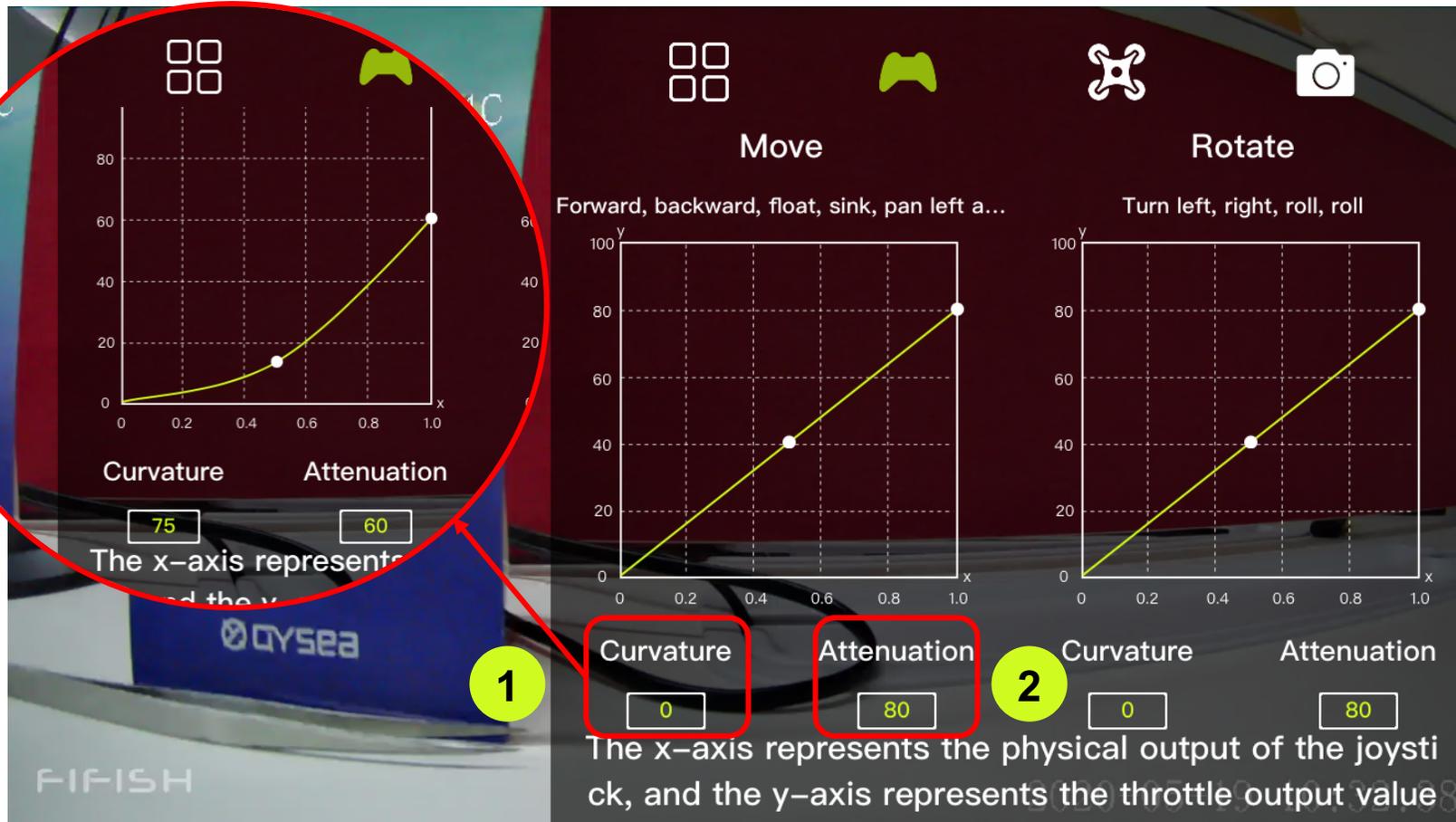
Curvature Setting is under General Settings



In General Settings

1. Select Control column
2. then choose "Curvature"

Curvature Setting in Move

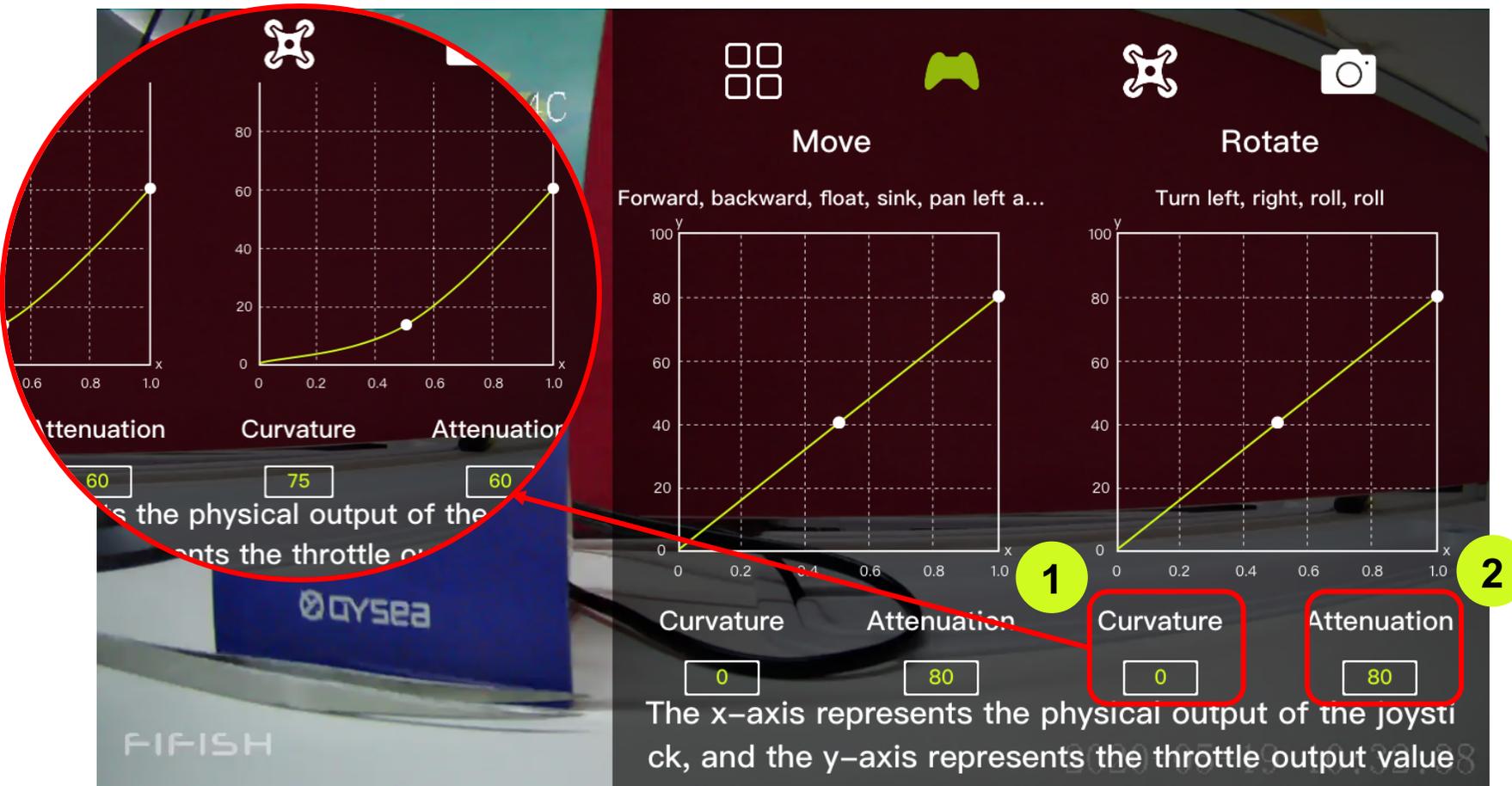


Move Settings

This only respond for linear displacement of controlling ROV

1. The curvature means the control stick moving angle VS throttle
The bigger number will offer more accurate and precise movement
2. The Attenuation value define the max thruster speed
Bigger number will offer faster movement

Curvature Setting in Rotate



Rotate Settings

This only respond for angular displacement of controlling ROV

1. The curvature means the control stick moving angle VS throttle
The bigger number will offer more accurate and precise rotation
2. The Attenuation value define the max thruster speed
Bigger number will offer faster rotation

Recommendations Setting Chart

Application Case	MOVE Curvature	MOVE Attenuation	ROTATE Curvature	ROTATE Attenuation	Benefit
Cruise	0-30	80-90	50 or up	50-60	Make the best use of moving thrust, and avoid oversteering
Grabbing with robotic arm or closer observation	60-80	about 50	60-80	about 50	Providing more accurate movement and rotation, and avoid over adjustment