ADVANCED UNDERWATER INSPECTION EXPERT

Operate & Upgrade to the Industrial Level.

OCEANUS V6 PLUS   Smart And Easy To Operate

OCEANUS V6 PLUS is an expert in underwater advanced solution. Diving up to 150-meter, V6 Plus adopts the new patented Q-motor stabilization system and upgraded to the underwater intelligent system.More powerful and reliable in functions and simple in operation, OCEANUS V6 Plus creates a new way of underwater operations.

Easy to take

OCEANUS V6 PLUS FEATURES

150m Max Depth	**3** Knots Max Speed	**-10~60°c** Temp Range	**4** Hours Depend On Different Working Mode

◼ Sonar Array System-Distance And Altitude Lock

The distance lock and altitude lock sonar system measure the forward distance and the downward altitude in real time. Through distance lock and altitude lock, the difficulty of operation is reduced, and various inspections are more efficient and accurate.

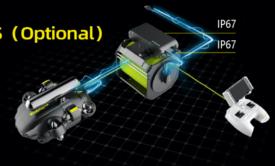Distance lock   Altitude Lock   Smart collision avoidance   Terrain scan

◼ Onshore Power Supply System - OPSS （Optional）

IP67
IP67

Patented six Q-motor power-saving design, miniaturized power supply system，Using while charging, super long battery life, fast replenishment, unlimited scenes, unlimited applications.
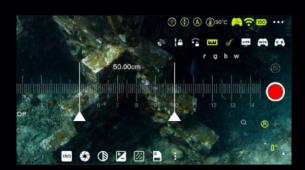Safe and reliable, waterproof,anti leakage and anti electric shock design, excellent quality, worry-free operation.

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Underwater Quick Positioning System （Optional）
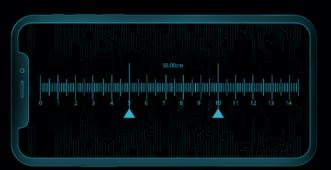
OCEANUS V6 PLUS underwater quick positioning system (U-QPS) assists the pilot with the real-time location.

GPS

QPS Box   RC   APP

QPS
(Receiver)

QPS
(Locator)

Real-time display of position, direction, depth, distance, altitude, trajectory

AR Scaler （Intelligent Measurement）

Patent AR scaler's precision is up to 1cm. Self-adaptive measurement and visualized data are visible on APP. By moving the scaler and customizing color of scaler, with one simple click you can save the measuring result.

50.00cm

Laser Scaler

High brightness laser, traditional reliable measurement.

A New Generation Of Q Motor Power System, Fully Upgraded

Using Technology's "close loop enhanced stabilization algorithm", adaptively adjust the power curve according to the external interference environment, so that the ROV shooting image is more stable, just like an underwater gimbal. Install metal propeller,industrial quality and durable.

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■ 4K Low Noise Shooting, 6000 Lumens High Brightness

6000 lumens super light, equipped with 4K ultra-high-definition camera lens, dark underwater bright as day, presenting high-definition image content.

Light off

Light on

166° FOV Wide-Angle Lens

240 frames per second in slow motion

4K UHD Camera

DNG Format

12MP

6000 lumen LED

5500K Color Temperature

Aperture F/2.5

■ VR Head Tracking

VR Head tracking intelligent technology is patent design which can let user fully immersive into underwater world. With the Head Tracking feature, put yourself into the drone's first-person-view and control where you want to go simply by turning your head.

■ Easy To Follow, Free To Take

OCEANUS V6 PLUS has 6 degrees of freedom. Free like a fish, V6 Plus moves in all directions: 360° rotation, lateral and tilt. When moving in any direction, the posture lock can ensure the angle of the drone.

Omni-directional

Posture lock

Depth lock

■ Quickly Data Transfer And Store

The SD card is removable, and all data is instantly exported. The SD card comes standard with 128GB, and can support up to 512GB.

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■ Application Scenarios

Water conservancy and hydropower plant inspection

Bridge inspection

Aquaculture

Underwater pipeline inspection

Ship maintenance

■ Accessories

4G LTE/5G Remote Control System

WINDOWS APP

MAC APP

MAC APP

EDGE BOX SERVER

((•)) 4G LTE/5G

EDGE BOX RENOTE

ONSHORE POWER SUPPLY SYSTEM

200m TETHER AND REEL

((•)) 4G LTE/5G

110V/220V

IMAGE SONAR

UNDERWATER QPS MAP

LIVE VIDEO

EDGE BOX SERVER SIDE

EDGE BOX REMOTE SIDE

Q-camera

Robotic Arm

Water Sampler

Salinity Sensor

Dissolved Oxygen Sensor

pH Sensor

Ruler

Underwater GPS

Onshore Power Supply Module

IP67

IP67

Holder With Sunhood

Hard Case For Tether Reel

Adaptor (For iOS)

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FIFISH PRO V6 PLUS Specifications

■ ROV

Dimensions	383mm x 331mm x 158mm
Weight	5kg
Thrusters	6 Thrusters (FIFISH Q-Motor Technology)
Maneuverability	6 Degrees of Freedom
	Movement: left & right, up & down, forward & backward
	Rotation: 360° pitches, 360° rolls, 360° yaws
Posture Lock™	Lock the ± 0.1° pitch or roll angle, in any direction
Hovering	Keep the ROV suspending in ± 1 cm
Speed	Maximum 3 knots (1.5 m/s)
Depth Rating	150M
Temperature Range	-10 °C ~ 60 °C (14 °F ~ 140 °F)
Battery	Dive Time: 4-8 Hours (Depending on usage scenario)
	Rated Capacity: 14,400mAh / 156Wh
	1- Hour Quick Charge
	Charge Voltage: 12.6 V
	Li-ion Panasonic 21700
Sensor	Accelerometer , Gyroscope , Electronic Compass
	Temperature Transducer
	Depth Transducer

■ CAMERA

Sensor	1/2.3" SONY CMOS
Pixels	12MP
ISO Range	100-6400 In Auto / Manual
Lens	Field of View: 166°
	Aperture: f/2.5
	Minimum Focusing Distance: 0.4 m
Shutter Speed	5~1/5000 Second
Burst Shooting	1 / 3 / 5 / 7 / 10 Frames
White Balance	2500K-8000K
Exposure Comp.	- 3.0 EV ~ + 3.0 EV
Photo Resolution	4:3: 4000 x 3000
Photo Format	JPEG, RAW (DNG)
Video Resolution	4K UHD: 25/30 fps
	1080P FHD: 25/30/50/60/100/120 fps
	720P HD: 25/30/50/60/100/120/200/240 fps
Video Format	MPEG4- AVC/H.264, HEVC/H.265
Stabilization	EIS (Electronic Image Stabilization)
Colour Encoding	NTSC & PAL
Storage	Pluggable, 128GB standard, support up to 512GB

■ LED LIGHTS

Brightness	6000 Lumen LED
CCT	5500K (Correlated Color Temperature)
Beam Angle	120°
Levels	2 Brightness Levels

■ CONTROLLER

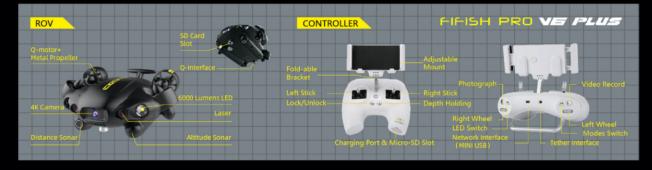|	
Wireless	5GHz WiFi,11a,n,ac
Battery Life	Up to 4 hours
SD Card Support	MicroSD Card FAT32 & EXFAT Format (to 128GB)
HDMI Output	QYSEA HDMI Output Box

■ CHARGER

ROV	Input: 100-240V, 50/60 Hz , 3.0A MAX
	Output: 12.6V ⎓ 10A
RC	Input: 100-240V, 50/60Hz , 0.5A MAX
	Output: 5V ⎓ 3A

■ ROBOTIC ARM (optional)

Size	140mm
Grip	10kgf
Supply Voltage	9~12V
Maximum Current	3A

■ DISTANCE LOCK, ALTITUDE LOCK SONAR SYSTEM

Detection range	0.5 - 6.0m
Precision	+/-5cm

■ LASER RULER

Laser Tube Type	Spot Laser
Wavelength	650nm (Red)
Scale Length	12cm

FIFISH V6 Plus Web Page : https://www.qysea.com

※Product specifications & accessories are subject to change without notice.

■ TETHER

Length	200m standard (100m/300m optional)
Breaking Force	100 kgf
Tether Diameter	4.0mm

■ COMPONENT BREAKDOWN

ROV
- Q-motor+ Metal Propeller
- SD Card Slot
- Q-Interface
- 4K Camera
- 6000 Lumens LED
- Laser
- Distance Sonar
- Altitude Sonar

CONTROLLER
- Fold-able Bracket
- Left Stick
- Lock/Unlock
- Adjustable Mount
- Right Stick
- Depth Holding
- Charging Port & Micro-SD Slot

FIFISH PRO V6 PLUS
- Photograph
- Video Record
- Right Wheel
- LED Switch
- Network Interface (MINI USB)
- Left Wheel
- Modes Switch
- Tether Interface