



Professional Compact Size & Operational ROV Platform



FIFISH V6 EXPERT

High-performance & Multi-faceted
Underwater Productivity Tool

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FIFISH V6 EXPERT is a professional-class underwater robot and a multi-capable tool built to enhance your underwater missions and operations. The V6 EXPERT can be equipped with a myriad of accessories as well as an onshore power supply system, delivering optimal performance and diving time for your expeditions.

100m
Max. Depth

3 Knots
Max. Speed

-10~60°C
Temp. Range

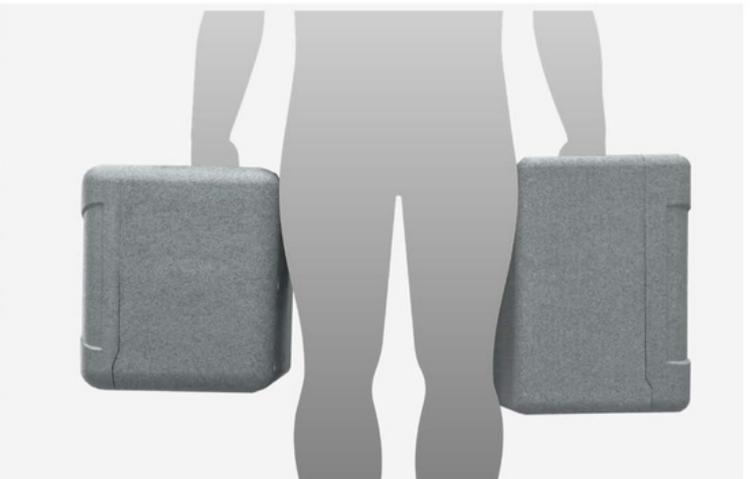
1.5 Hrs (In 1 m/s Current)
6 Hrs (In Still Waters)

■ Lasting Power, High Performance & Secure Reliability

Seamless and efficient deployment of the ROV and a portable power supply system for lasting and uninterrupted dive sessions.

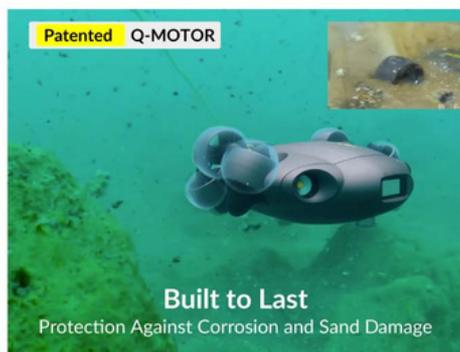


Quick and simple installation for a continuous workflow



Easy to carry, deploy, operate and maintain

■ Streamlined Design & Robust Build



Patented Q-MOTOR

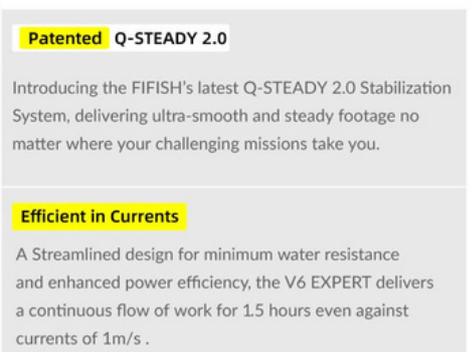
Built to Last

Protection Against Corrosion and Sand Damage



Patented 360° Omnidirectional Mobility

Complete freedom of movement in the subaquatic world



Patented Q-STeady 2.0

Introducing the FIFISH's latest Q-STeady 2.0 Stabilization System, delivering ultra-smooth and steady footage no matter where your challenging missions take you.

Efficient in Currents

A Streamlined design for minimum water resistance and enhanced power efficiency, the V6 EXPERT delivers a continuous flow of work for 1.5 hours even against currents of 1m/s.

■ 4K Low Noise Shooting for Cinematic Clarity

The FIFISH V6 EXPERT comes equipped with a UHD 4K underwater camera lens, alongside a 166° ultra-wide field of view, 12-megapixel resolution, 240 FPS slow-motion filming capabilities, and much more. V6 EXPERT's vision enhancement algorithms bring out the vibrancy of the underwater environment, so you can capture every detail needed in your aquatic operations and missions.



DNG Format Support



12 Megapixel Resolution



f/2.5 Aperture



166° Field of View



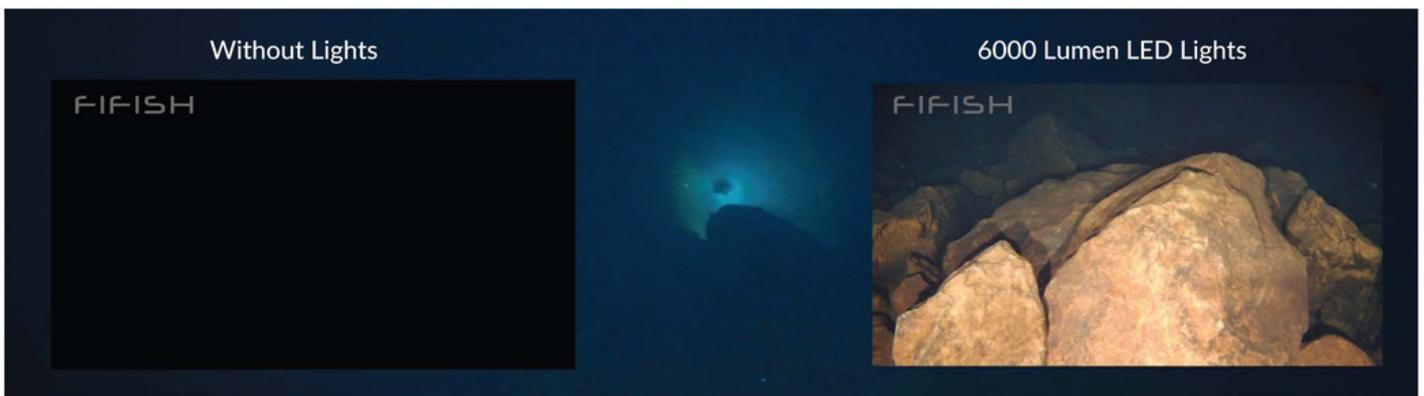
240 FPS Slo-mo Filming



4K Ultra HD Video Quality

■ Enhanced Lighting for Optimal Clarity

The FIFISH V6 EXPERT comes equipped with a pair of ultra-bright 6000 lumen LED lights alongside its 4K UHD camera, delivering brilliant, vivid, and vibrant images and footage within even the darkest spaces.



■ VR Intelligent Head Tracking

FIFISH V6 EXPERT applies unique sensory controls that provide the user with a truly immersive underwater experience from the ROV's first-person perspective.

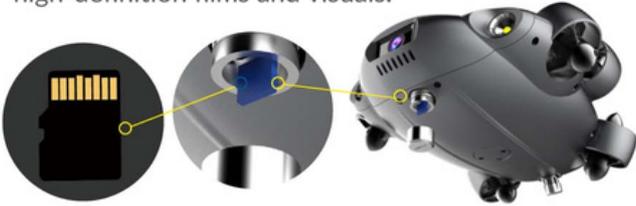
Through the smart VR goggles, take the **QYSEA patented** full 360° directional and posture control of the drone simply by rotating the head.

This intelligent feature is accurate, easy to use, and a breakthrough in underwater exploration.



■ Built-in SD Card Slot Efficient Storage & Transfer

With a built-in memory slot, the microSD card can be easily inserted and removed from the FIFISH V6 EXPERT to transfer videos and images. The V6 EXPERT ROV and its packages come standard with a 128GB memory card, delivering ample storage space for high-definition films and visuals.



■ Powerful Battery Quick Charge Enabled

The V6 EXPERT comes equipped with a 14400mAh super-capacity battery, delivering long-lasting battery life, quick charging capabilities, as well as multiple safety and security mechanisms.



Q-CHARGE: Fast charge to 90% capacity within 1 hr.

■ Light & Portable for Worry-free Travel

FIFISH V6 EXPERT delivers an organized and worry-free experience for your underwater operations. Its compact and rugged design allows for easy transportation to wherever your tasks and missions take you. The efficient power system, alongside power-enhancing add-ons, deliver continuous and uninterrupted dives for the FIFISH operator.



EPP Case Specifications:
Length: 728mm
Width: 470mm
Height: 272.5mm

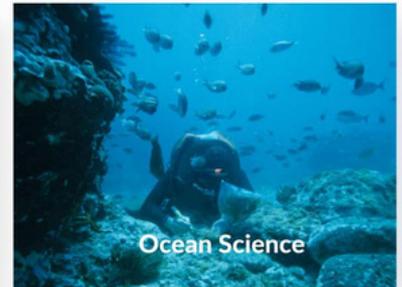
V6 EXPERT M100 Standard Accessories



■ FIFISH V6 EXPERT PACKAGES

	M100	M100A	M200	M200A	MP200	EP300
SKU						
Cable Length	100m	100m	200m	200m	200m+100m	300m+100m
Spool	Manual Spool *1	Manual Spool *1	Manual Spool *1	Manual Spool *1	Manual Spool *2	E-Spool *1 Manual Spool *1
Packaging	EPP Box *1	Industrial Case *1	Industrial Case *1	Industrial Case *1	EPP Box *2	Industrial Case *1 EPP Box *1
OPSS	x	x	x	x	√	√
Robotic Arm (w/ Grippers)	x	√	x	√	x	x

Applications & Scenarios



Tools & Add-Ons

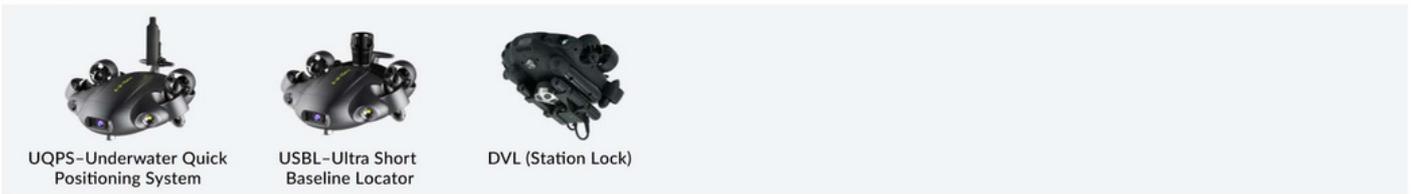
Inspection Tools



Measurement Tools



Navigation Tools



Manipulator Tools



Water Quality Tools



※ Product specifications & accessories are subject to change without notice. Please contact QYSEA and its partners for more details.

FIFISH V6 EXPERT Specifications

ROV

Dimensions	383mm x 331mm x 143mm
Weight	4.6kg
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	100M
Temperature Range	-10 °C ~ 60 °C
Battery	Operational Time: 1.5h against 1m/s currents; 6 hours still waters
	14400mAh super-capacity battery
	1 Hour Quick Charging (90% Capacity)
	Charging voltage: 12.6V
Battery Type	Li-ion Panasonic 21700

LED Lights

Brightness	6000 Lumen LED
CCT	5500K (Correlated Color Temperature)
Beam Angle	120°
Levels	3 Brightness Levels

Charger

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

Tether & Spool

Length	100m standard (200m/300m optional)
Breaking Force	100kgf
Tether Diameter	4.0mm
Dimensions	238 mm x 213 mm x 205 mm

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 / 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

Controller

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

Q-Interface

Ports	1
Material	Stainless steel 316
Voltage	9~12V

FIFISH V6 EXPERT Details: <https://www.qysea.com>

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Component Breakdown



UK & IRELAND DISTRIBUTOR

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marine electronics

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