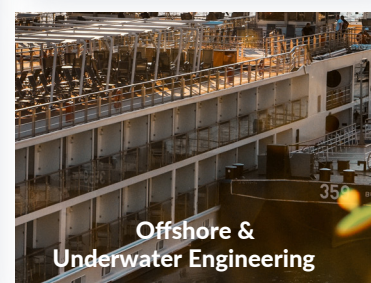
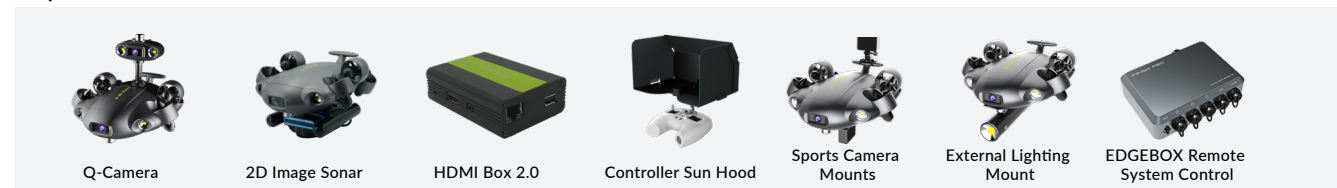


## Applications & Scenarios

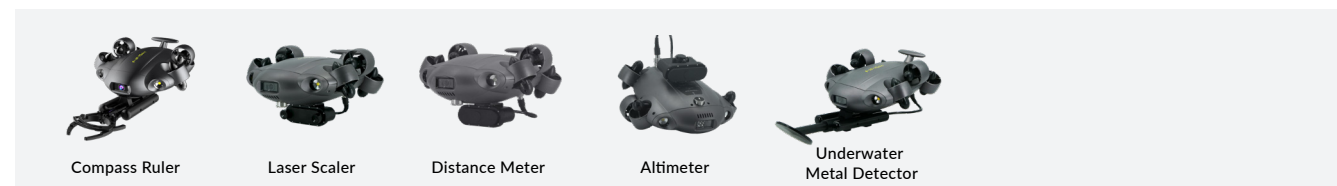


## Tools & Add-Ons

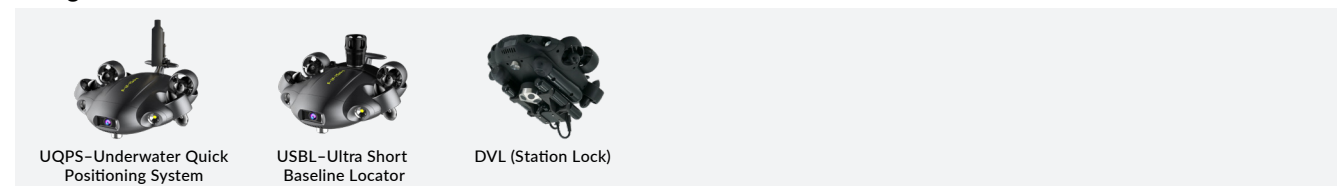
### Inspection Tools



### Measurement Tools



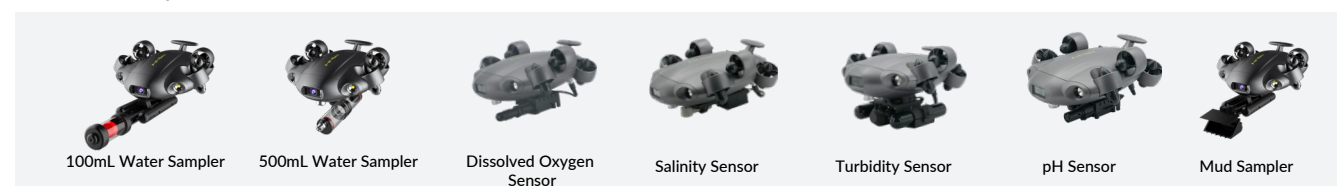
### Navigation Tools



### 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: 15h against 1m/s currents; 6 hours still waters
	14400mAh super-capacity battery
	1 Hour Quick Charging (90% Capacity)
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

### Component Breakdown



### 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

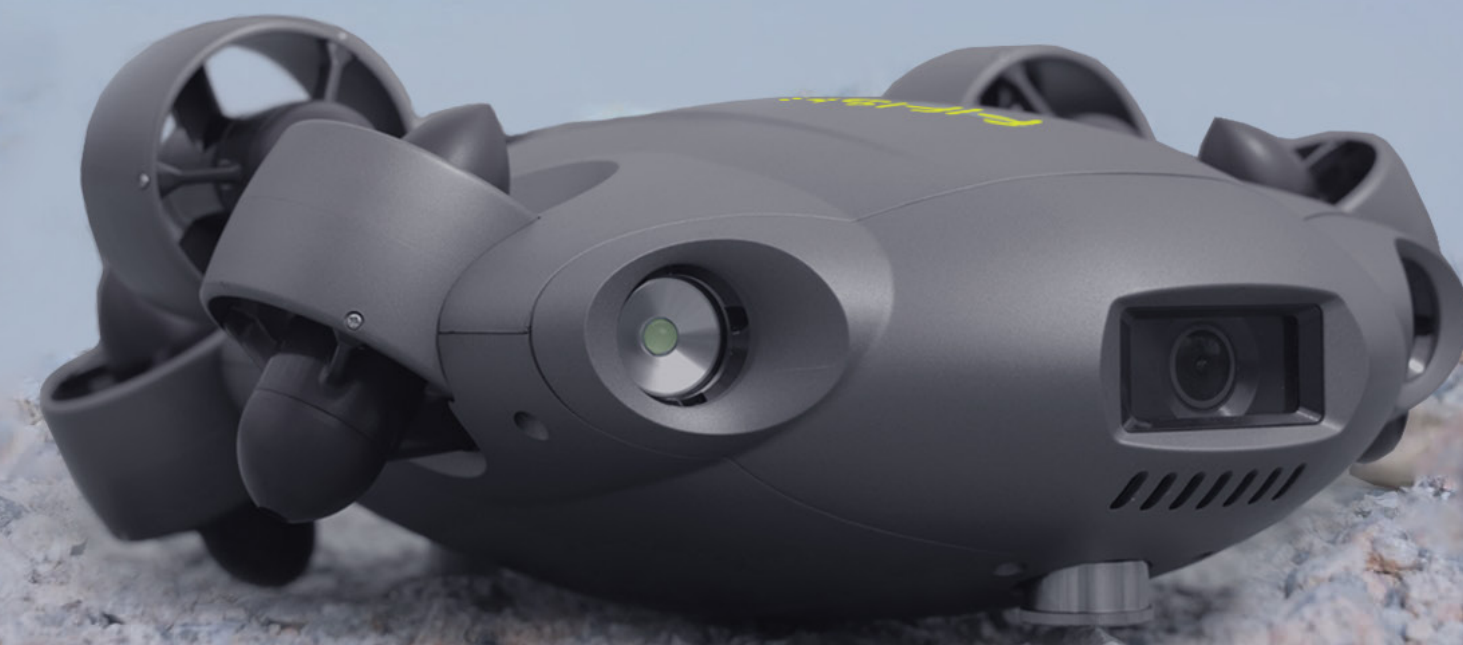
Ports	1
Material	Stainless steel 316
Voltage	9-12V

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

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



# Professional Compact Size & Operational ROV Platform



## FIFISH V6 EXPERT

High-performance & Multi-faceted  
Underwater Productivity Tool

QYSEA Website & Store



Official Facebook Page



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