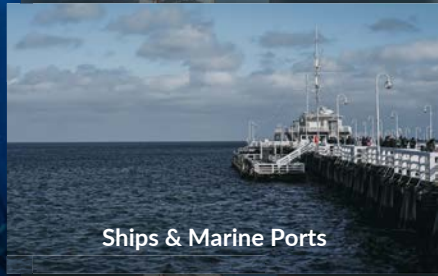


Application Scenarios



Accessories

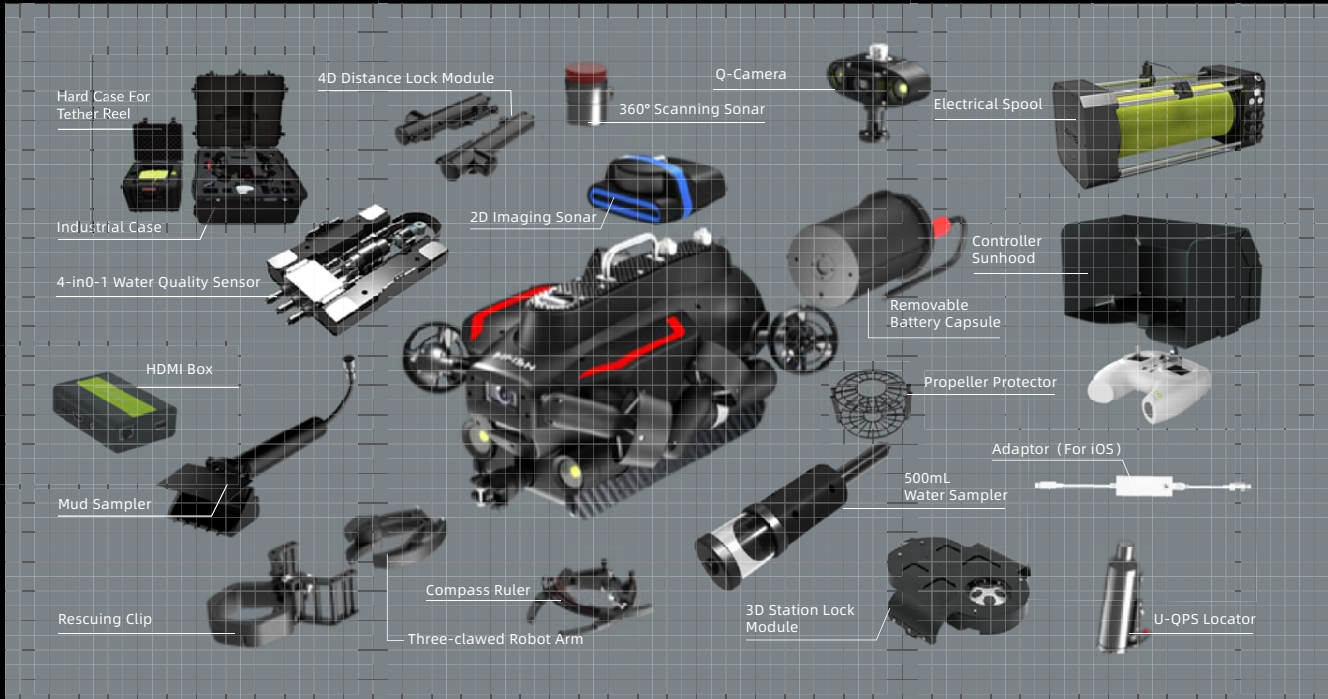
Remote System Control [4G/ 5G/ Broadband Network]



EDGE BOX SERVER SIDE



EDGE BOX REMOTE SIDE



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

FIFISH PRO W6 Specifications

ROV

Dimensions	700mm x 469mm x 297mm
Weight	23kg
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
Current Resistance	Stable hover & control in 3.0 knot (1.5 m/s) currents
Depth Rating	350 Meter
Temperature Range	-10 °C ~ 40 °C
Battery	Dive Time: 6 Hours (Depending on usage scenario)
	Rated Capacity: 388.8Wh
	Charge Voltage: 25.2V, 1.5 Hour Quick Charge
	Li-ion Panasonic 18650
Sensor	Accelerometer, Gyroscope, Electronic Compass
	Temperature Transducer
	Depth Transducer

LED LIGHTS

Brightness	12000 Lumens LED
CCT	5500 K (Correlated Color Temperature)
Beam Angle	120°
Levels	3 Brightness Levels

ROBOTIC ARM

Grip	20kgf
Supply Voltage	10~26V
Maximum Current	3A
Maximum grasping diameter	125mm

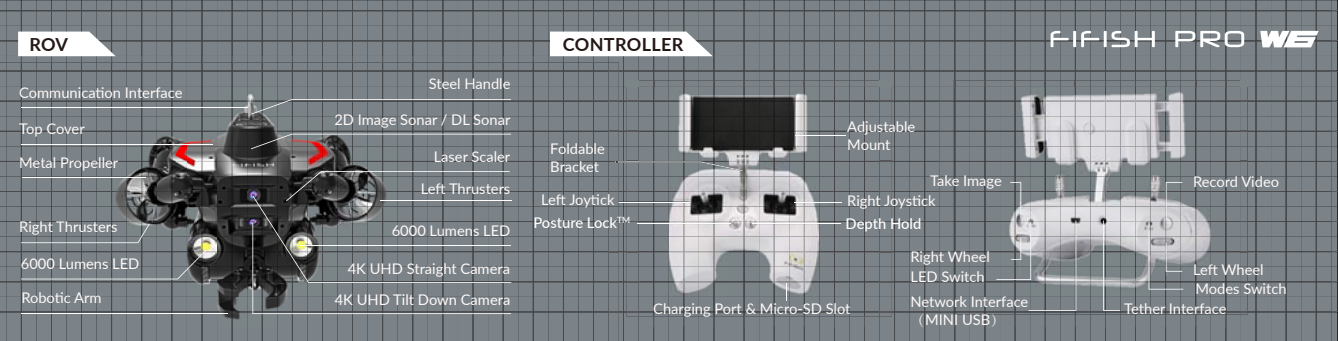
DISTANCE LOCK, ALTITUDE LOCK SONAR SYSTEM

Detection range	0.4 - 7.0m
Precision	±/-5cm

FIFISH PRO W6 Web Page: <https://www.qysea.com>

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

COMPONENT BREAKDOWN



QYSEA Website & Store



Official Facebook Page



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Shenzhen, Guangdong, China
Postal Code: 518049
Email: partner@qysea.com
Phone: +86-0755-2266-2313
※ Please contact the above for FIFISH repairs.



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	3 / 5 / 10 / 15 Frames
White Balance	2500K-8000K
Exposure Comp.	- 3.0 EV ~ + 3.0 EV
Photo Resolution	4:3: 4000 x 3000
Photo Format	JPEG, RAW in 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
Internal Storage	128GB*2 standard,support up to 512GB

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: 100-240 V, 50/60 Hz, 3A MAX
	Output: 25.2V = 6A
RC	Input: 100-240 V, 50/60 Hz, 0.5A MAX
	Output: 5 V = 3A

LASER RULER

Laser Tube Type	Spot Laser
Wavelength	650nm (Red)
Scale Length	10cm

TETHER

Length	305m standard
Breaking Force	160kgf
Tether Diameter	6.0mm



Enterprise & Industrial-grade ROV Platform

Carry Out Deep-diving & Advanced Subsea Operations



FIFISH PRO W6

350m Depth-rated
Intelligent Underwater Inspections & Operations Expert