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About QYSEA

Founded in 2016, Shenzhen QYSEA Tech Co., LTD. is a high-tech enterprise focused on the R&D, production, and sales of underwater robotics, as well as a Xiaomi ecological chain company. The core of the company consists of team members from Fortune 500 companies including Huawei, Microsoft, DJI, and Foxconn. The business is committed to building solutions for underwater robotic systems + artificial intelligence + big data + specialized services, and using these innovative AI technologies to embolden a deeper exploration of the oceans.

The company has two main production lines, six major products, and a total of more than 100 global patents. Its FIFISH Underwater Robot series has twice won the CES Innovation Awards in the United States, as well as two of the world's four major product design awards: the iF Product Design Award in Germany, and the Good Design Award in Japan. QYSEA Technology's line of products cover a wide-ranging scope of applications within nine key industries including aquaculture, search and rescue, underwater security, shipping, subsea infrastructure, offshore wind energy, film/photography , and more. With over 20 professional and reliable tools that reach up to 350 meters below sea level, QYSEA Technology is truly an industry leader in the development of underwater robotics and innovative aquatic solutions.

Qualifications & Honors

QYSEA Technology has established a strong reputation in the global underwater robotics industry, using technologically innovative solutions that empower ocean exploration and discovery. Since its establishment, the company has been committed to product innovation and talent cultivation, securing more than 100 global patents, numerous honorary certifications, and recognition from all walks of life that have strengthened and enhanced international awareness for the brand.

Key Technology Advantages

Development History & Timeline

JUN 2016

FIFISH makes its debut at CES2016 and is recognized as an innovative representative of black technology and the Chinese Army

FEB 2018

FIFISH P3 wins the American CES Innovation Award

OCT 2019

QYSEA completees the A-round of tens of millions in financing
QYSEA wins the Good Design Award in Japan

AUG 2020

The new product FIFISH PRO W6 is released
Qysea wins the Excellent Product Innovation Award of the High-Tech Fair, the China Design Intelligence Award, and the China Red Star Design Award

SEP 2021

Completed Xiaomi's round of Series B Financing

MAY 2017

QYSEA completees the pre A-round of tens of millions in financing;

The FIFISH P3 is launched

APR 2019

FIFISH V6 is mass-produced and launched, QYSEA becomes a global strategic partner of U.S. Nuclear Corp

MAR 2020

The FIFISH V6s is launched,
June: QYSEA Releases FIFISH PRO V6 PLUS
QYSEA wins the China Design Intelligence Award (DIA), and the German-based iF Design Award

MAY 2021

Obtained the National Fire Equipment Quality Inspection Certification & Qualification

FIFISH Product Lineup & Accessories

100M

V6

V6S

Observation Tools

Sports Camera Mounts

External Lighting Mount

Manipulator Tools

Robotic Arm

Fishing Net

Water Quality Tools

Water Sampler (100ml)

100M

V6 EXPERT

Observation Tools

Q-Camera

Measurement Tools

Compass Ruler

Navigational Tools

Underwater Quick Positioning System (U-QPS)

Manipulator Tools

Robotic Arm

Water Quality Tools

Water Sampler (100ml)

Enhancement Tools

Onshore Power Supply System (OPSS)

150M

V6 PLUS

Observation Tools

Q-Camera

Measurement Tools

Laser Scaler

Navigational Tools

Underwater Quick Positioning System (U-QPS)

Manipulator Tools

Robotic Arm

Water Quality Tools

Water Sampler (500ml)

Enhancement Tools

Onshore Power Supply System (OPSS)

350M

V6

Observation Tools

Imaging Sonar

Measurement Tools

Ultrasonic Metal Thickness Gauge

Navigational Tools

Underwater Quick Positioning System (U-QPS)

Manipulator Tools

Robotic Arm

Water Quality Tools

Water Sampler (500ml)

Enhancement Tools

Onshore Power Supply System (OPSS)

Consumer-Grade & Omnidirectional Underwater Robot

FIFISH V6

With all-directional freedom of movement and a compact design, FIFISH V6 delivers a revolutionary point of view for explorations, underwater photography, and industrial inspections.

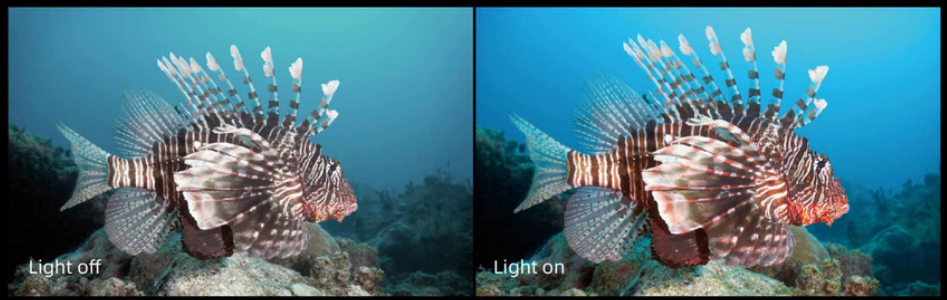
100 M	3 Knots	-10~60°c	1 Hours (With 1m/s Currents)
Depth Rating	Speed	Temperature Range	6 Hours (In Still Waters)

Freedom of Movement

FIFISH V6's thrusters deliver you 6 degrees of freedom, allowing for mobility in all directions as well as rotations in 360° rolls, pans and tilts. The V6's Posture Lock System can secure the angle of the drone as you move it any direction.

Vivid 4000 Lumen LED Lights

The FIFISH V6's powerful lumen LED headlights drastically enhance your underwater images and footage. In addition, its AI image-sharpening and true-color algorithms help to reproduce the original vibrant colors of the aquatic world.



4K UHD Camera System

FIFISH V6's camera system delivers 4K UHD Resolution · 1080P/120FPS slow motion footage, bringing you the greatest cinematic clarity in underwater filming.

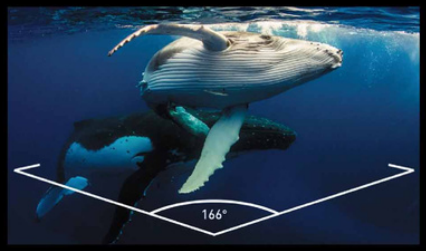
HDMI Live Broadcasting (video output: 1080p), along with H.265/ HVEC and DNG (RAW) formats are also supported.

VR Head Tracking Technology

FIFISH V6 applies unique sensory controls that provide the user 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 V6 EXPERT simply by rotating the head. This intelligent feature is accurate, easy to use, and a breakthrough in underwater exploration.

166° Wide-Angle Lens

Equipped with a 1/ 2.3 "SONY CMOS sensor, along with a 166° FOV wide angle lens, FIFISH V6 brings you the bigger picture and creates incredible wide-screen cinematic shots for your underwater adventures.



HDMI Live Streaming

Deliver the excitement and broadcast your ocean adventures to the world! With our HDMI box and one-touch social sharing options, show your adventures through a large HDTV screen at full HD. [HDMI Box accessories sold separately]

FIFISH V6 Specifications

Dimensions	383mm x 331mm x 143mm
Weight	4.1kg
Thrusters	6 Thrusters
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: 1h against 1m/s currents; 6 hours in still waters
	Rated Capacity:9000mAh/97.2Wh
	Charging voltage: 12.6V 1 Hour Quick Charging
Battery Type	Li-ion Panasonic 18650

Consumer-Grade & Omnidirectional Underwater Salvage Robot

FIFISH V6s

FIFISH V6s is a consumer-level underwater robot capable of carrying out aquatic inspections, missions, and operations with complete freedom of movement. Equipped with a rugged and powerful robotic claw that allows the user to grab objects with high precision and strength, the functional and efficient capabilities of the FIFISH V6s have been widely used across marine scientific research, search and rescue missions, as well as complex underwater inspections and operations.

100m	3 Knots	-10~60℃	1.5 Hours (With 1m/s Currents) 6 Hours (In Still Waters)
Depth Rating	Speed	Temperature Range	

Enhanced Power for Long-Lasting Dives

The V6s is powered by Premium Panasonic batteries that enable extended dive times of up to 6 hours and reduce down time with a safe and quick charge

60% INCREASE

Explore with Six Degrees of Freedom Underwater

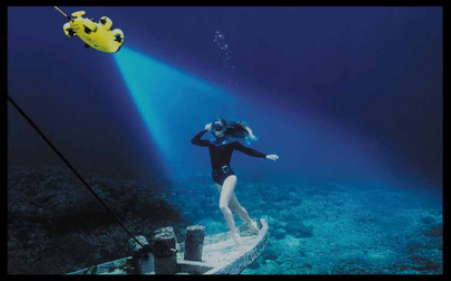
FIFISH V6s's thrusters deliver you 6 degrees of freedom, allowing mobility in all directions as well as rotations in 360° rolls, pans & tilts.FIFISH V6's Posture LockTM secures the angle of your drone as you move in any direction.

VR Head Tracking System

FIFISH V6s applies unique sensory controls that provide the user 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 V6 EXPERT simply by rotating the head. This intelligent feature is accurate, easy to use, and a breakthrough in underwater exploration.

Capture All the Beauty with 4000 Lumen LEDs

The FIFISH V6s's powerful lumen LED headlights drastically enhance your underwater images and footage.



Superior Towing Capacity Redefining the operational concepts of compact ROVs

Drag, drop, tow, and salvage objects with neutrally buoyant robotic arm and cables.

Less Torque & Best Viewable Zone, Stable Control & Precisely

Compact, Rugged & Lightweight

100N clamping force, with clamp lock function
100N towing force.

Superior Component Material Selected For Durability

FIFISH V6s Specifications

Dimensions	383mm x 331mm x 143mm
Weight	4.1kg
Thrusters	6 Thrusters
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
	Rated Capacity:14400mAh/155.52Wh
	Charging voltage: 12.6V 1 Hour Quick Charging(70%)
Battery Type	Li-ion Panasonic 21700

Professional Compact Size & Operational ROV Platform

FIFISH V6 EXPERT

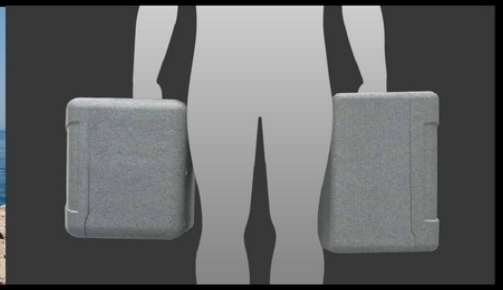
FIFISH V6 EXPERT is a professional-class underwater robot and a multi-capable tool built to enhance your underwater missions and operations. The V6 EXPERT can be equipped with a myriad of accessories as well as an onshore power supply system, delivering optimal performance and diving time for your expeditions.

100m Depth Rating	**3 Knots** Speed	**Micro SD Card Slot** For Quick Export Of Images And Data	**1.5 Hours** (With 1m/s Currents) **6 Hours** (In Still Waters)

Lasting Power, High Performance & Secure Reliability

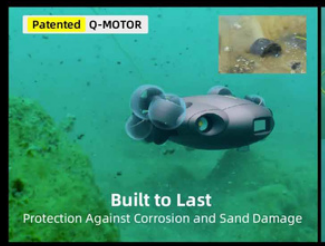
Seamless and quick deployment of energy packs for smooth, lengthy and uninterrupted diving sessions.

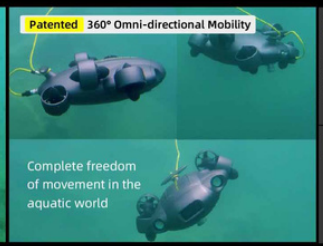
Quick & simple installation for continuous workflow



For easy carrying, deployment, operation & maintenance

Streamlined Design & Robust Build





Patented Q-STEADY2.0

Introducing the FIFISH's latest Q-Steady2.0 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 .

A Multi-Capable Underwater Productivity Solution

FIFISH V6 EXPERT's interface allows the efficient integration of a wide range of professional-level and industry-specific tools to tackle different scenarios and tasks.

Inspection Tools

Measurement Tools

Navigation Tools

Manipulator Tools

Water Quality Tools

FIFISH V6 EXPERT Specfications

Dimensions	383mm x 331mm x 143mm
Weight	4.6kg
Thrusters	6 Thrusters
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
	Rated Capacity:14400mAh
	Charging voltage: 12.6V 1 Hour Quick Charging(90%)
Battery Type	Li-ion Panasonic 21700

Enterprise-Grade Advanced Inspection ROV

FIFISH PRO V6 PLUS

FIFISH PRO V6 PLUS is an expert in advanced underwater solutions. With a diving depth of 150 meters and the all-new integration of an innovative Q-motor stabilization system, elevate the efficiency and effectiveness of your underwater operations.

QYSEA Technology's Unique Patent Q-Motor	**600 Hours** Motor life	**6000 Lumens** LED lighting	**Equipped with Multiple Accessories** Expandable Interface
150 M Depth Rating	**3 Knots** Speed	**Micro SD Card Slot** For Quick Export Of Images And Data	**1.5 Hours** With 1m/s Currents **6 Hours** (In Still Waters)

Intelligent Distance & Altitude Lock

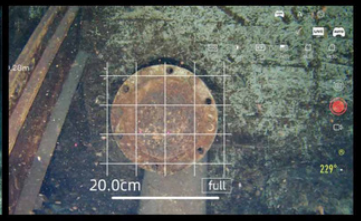
The distance lock and Altitude Lock sonar system measure the forward distance and the downward altitude in real-time. Through distance lock and Altitude Lock, the difficulty of operation is reduced, and various inspections are more efficient and accurate.

Distance lock | Altitude Lock | Smart collision avoidance | Terrain scan

Smart Underwater Measurement System

Laser Scaler

AR Ruler



AR Grid

Real-Time Location Tracking with U-QPS

Utilizing the QYSEA patented Underwater Quick Positioning System (U-QPS), identify, track and record data on the ROV's underwater position in real-time.

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

4K Ultra-High Definition Imagery with 6000 Lumen LED Lights

The V6 Plus's combination of its ultra-high-definition camera and powerful lighting system produces outstanding images that illuminates its surrounding underwater environments, transforming the dark spaces to as bright as day.

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

FIFISH PRO V6 PLUS Specifications

Dimensions	383mm x 331mm x 158mm
Weight	5kg
Thrusters	6 Thrusters
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 ℃ ~ 60 ℃
Battery	Operational Time: 1.5h against 1m/s currents; 6 hours still waters
	Rated Capacity: 14,400mAh / 156Wh
	Charging voltage: 12.6V 1 Hour Quick Charging(90%)
Battery Type	Li-ion Panasonic 21700

Enterprise & Industrial-Grade ROV Platform

FIFISH PRO W6

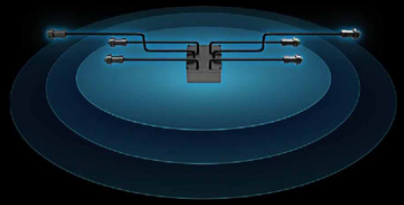
FIFISH PRO W6 is an industrial-class ROV platform, equipped with an all-new powerful and patented Q-Motor system, a diving depth of 350 meters, powerful operating features and tools, as well as intelligent stabilization systems against strong currents. Operate with power, precision, and efficiency.

Q-Motor System **QYSEA Patent** Q-Motor	**1000 Hours** Motor life	**2D Sonar +3D Map** Imaging	**4K Dual Camera** Camera	**12000 Lumens** LED lighting
350 M Depth Rating	**4 Knots** Speed	**-10~40°c** Temperature Range	**8 Hours** Operational Time	**Multi-Tool Integrations** Expandable Interface

Innovative Modular Design

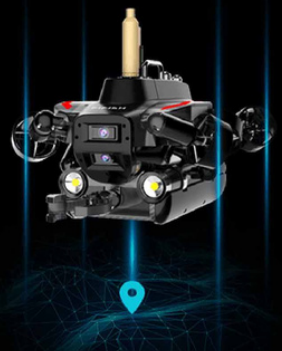
5x Q-IF Interface Ports for Multi-Tool Integrations

FIFISH PRO W6 is an advanced ROV platform that can be highly customized towards a diverse range of industry-specific applications. Its five-interface port system provides the pilot the ability to add on and operate with different tools simultaneously, elevating the efficiency of underwater operations and expanding its applications across various professional fields.



Real-Time Location Tracking with U-QPS

The U-QPS (Underwater Quick Positioning System) is a software and hardware ecosystem that provides a 3D map of the FIFISH ROV's real-time location, POI recordings, three-dimensional dive paths, as well as a one-click function for returning to its original location. The QYSEA-designed software applications deliver an enhanced operating and inspecting experience for the ROV pilot.



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

Identify Structures & Landscapes with Sonar Imaging

Advanced sonar imaging equipment can be integrated into the FIFISH PRO W6, providing the operator the ability to perform, scan and inspect underwater environments in dark and turbid conditions. Get detailed visual data of the surrounding seabed areas and operate the oceans with great stability and efficiency.

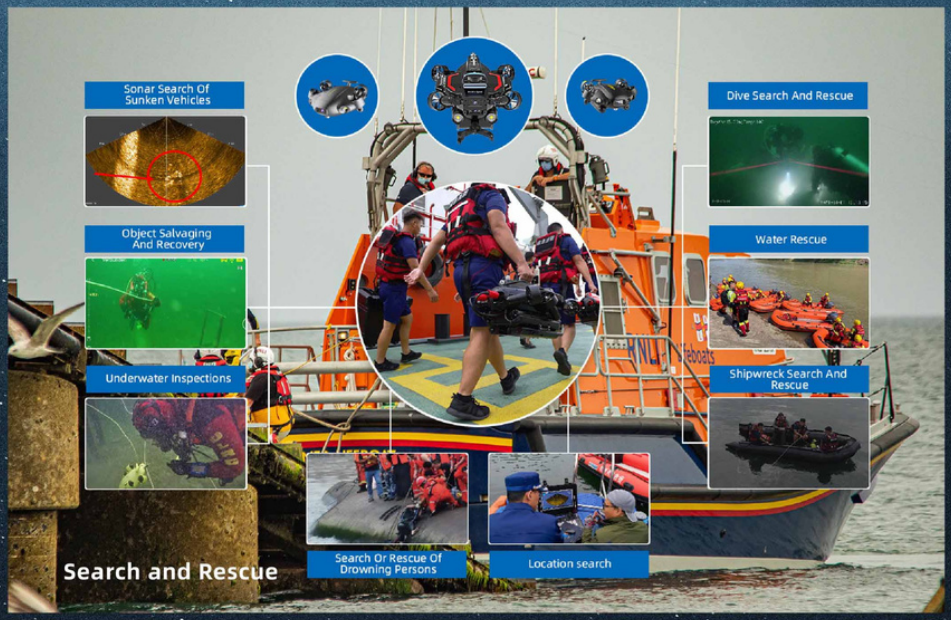
3D Station Lock System

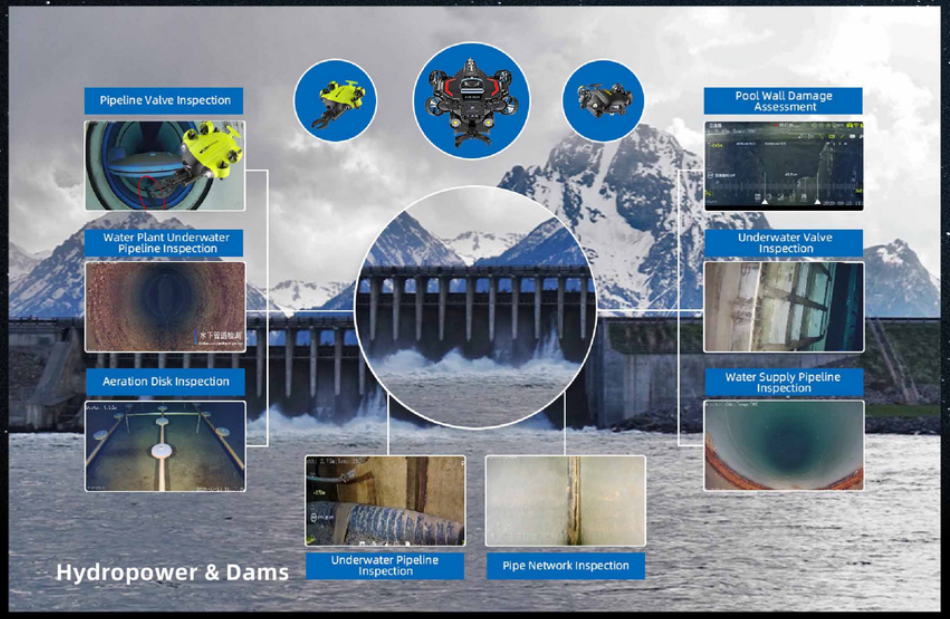
The FIFISH PRO W6's Station Lock system is an adaptive and intuitive system, locking the ROV position underwater and precisely returning to its locked position against any interferences from the underwater environments. Execute and deliver inspections with exceptional stability, smoothness, and precision.

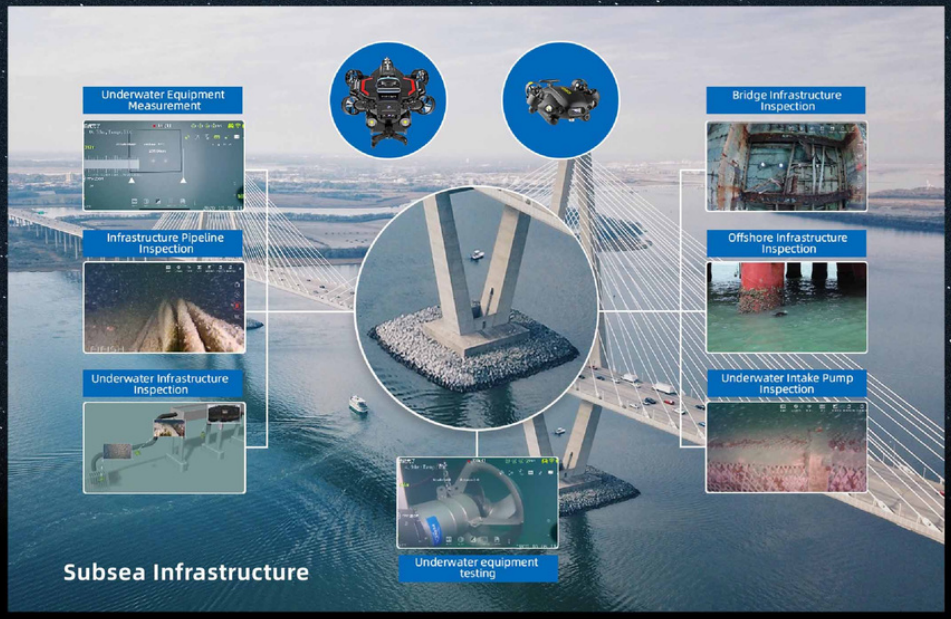
FIFISH PRO W6 Specifications

Dimensions	700mm x 469mm x 297mm
Weight	23kg
Thrusters	6 Thrusters
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 4 knots (2m/s)
Depth Rating	350M
Temperature Range	-10 °C ~ 40 °C
Battery	Dive Time: 6 Hours (Depending on usage scenario)
	Rated Capacity: 388.8Wh
	Charging voltage: 25.2V 1.5 Hour Quick Charging(90%)
Battery Type	Li-ion Panasonic 18650

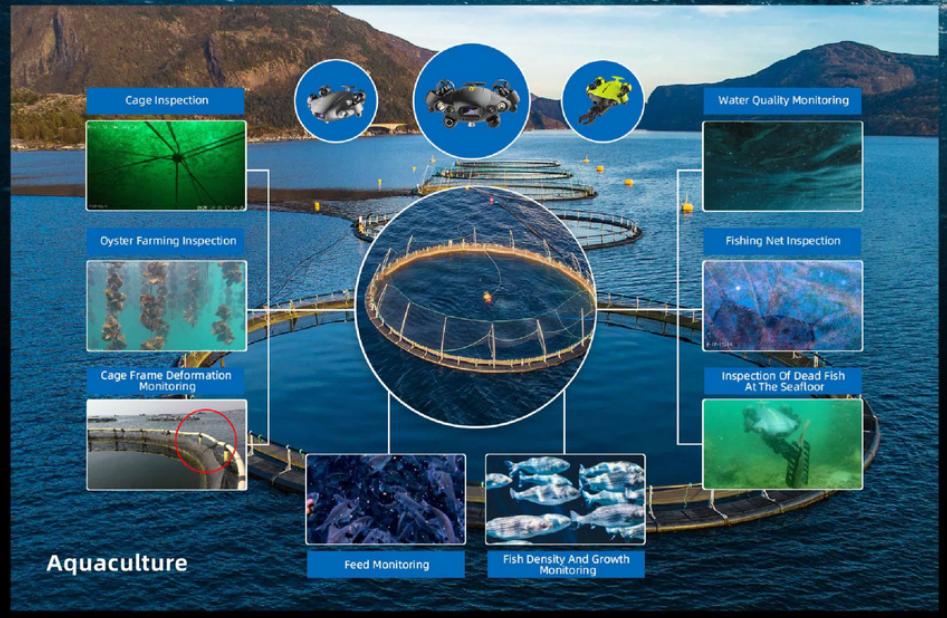
Application Scenarios

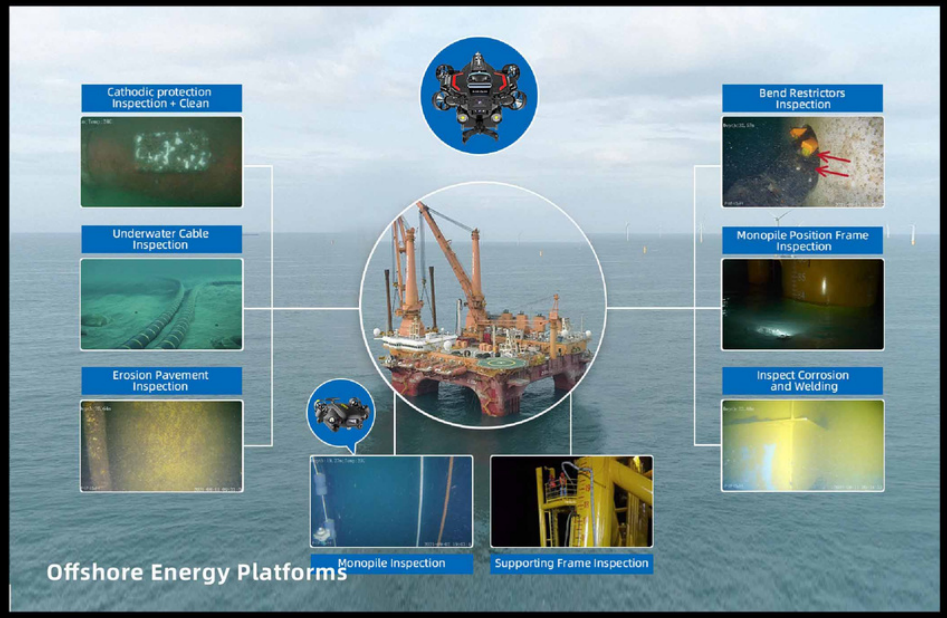


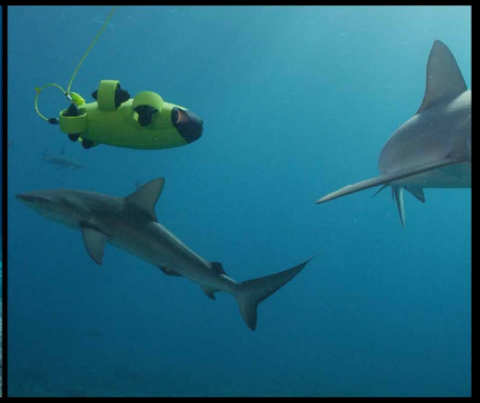




FIFISH Case Studies







Global Network

QYSEA currently has a total of 14 after-sales service centers across the globe

140+
Retail Centers Worldwide

130+
Counties Reached & Sold

North America	U.S, Canada, Mexico, etc.
Europe	Britain, Germany, France, Norway, Spain, Italy, Russia, etc.
Asia-Pacific	China, South Korea, Japan, Australia, Singapore,New Zealand, etc.
South America	Chile, Argentina, Colombia, Uruguay, etc.
Africa	South Africa, Morocco, Ethiopia, etc.

QYSEA Partners