

350m Depth-rated Intelligent Underwater Inspections & Operations Expert

Powerful & Precise, Advanced Add-Ons,
Exceptional Stability, Superior Battery

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.



FEATURES

350m

Max. Depth

3 Knots

Current Resistance

-10~40°C

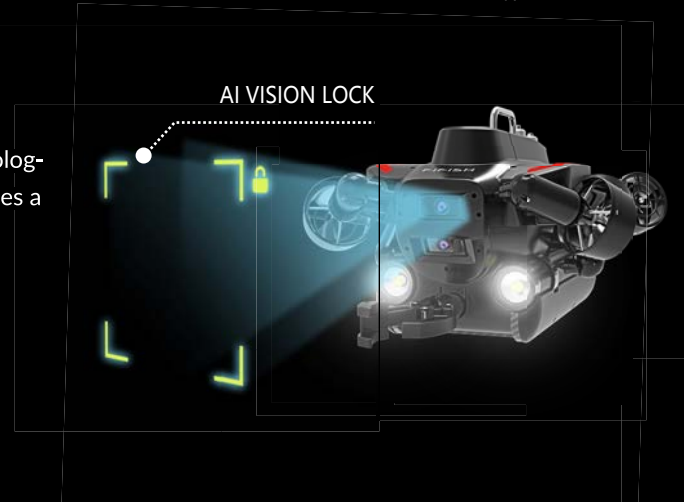
Temp. Range

4-6 Hours

Dependent On Different Task Types

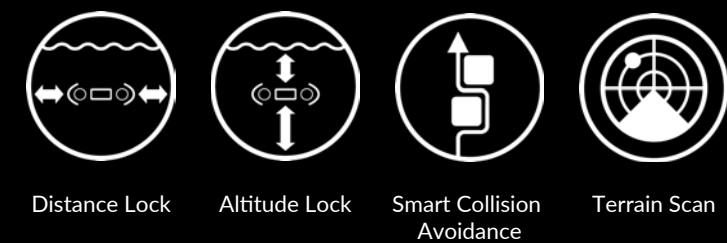
AI Vision Lock

QYSEA's self-developed Vision Lock function is a pioneer technological feature through the FIFISH APP. Vision Lock feature unleashes a range of intuitive capabilities that keep your subjects securely in focus. By utilizing the Dead Reckoning navigation process, the FIFISH ROV accurately determines the positions of objects and delivers highly stabilized movements to adaptively lock onto subjects in real-time.



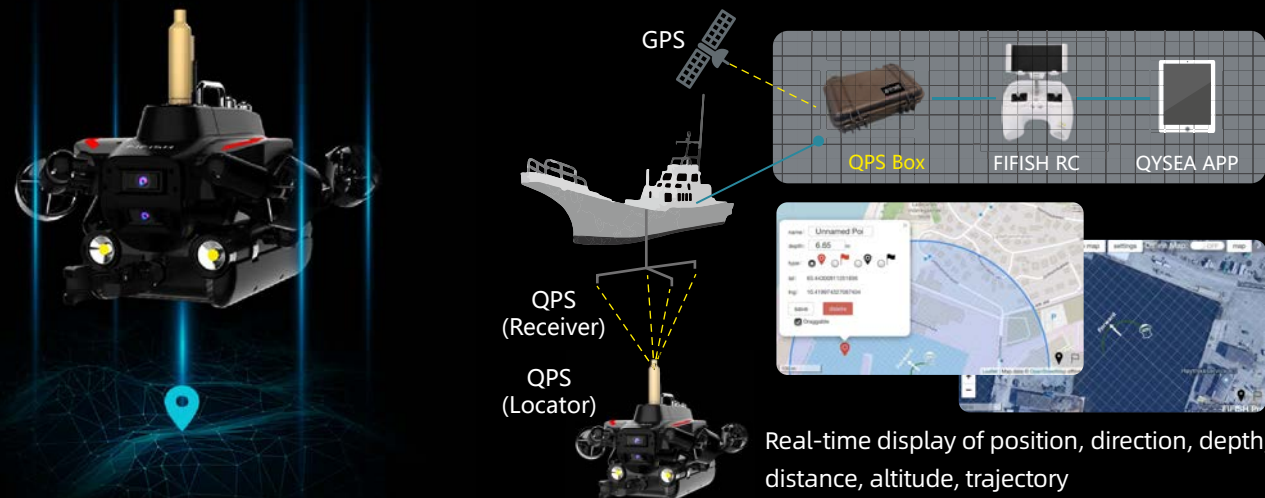
Intuitive Sonar Array System

The Sonar Array System is a QYSEA patented algorithm that includes the smart distance lock, altitude lock, collision avoidance, and terrain scanning functions. These innovative features are adaptive as well as intuitive to the surrounding underwater environments, enhancing the piloting experience through simplifying and automating certain complexities of the missions.



Real-Time Location Data with The Quick Positioning System (U-QPS)

The U-QPS 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.



High Precision Measuring Tools [Laser Scaler, Distance Lock Module + Compass Ruler]

The Laser Scaler System & 4D Distance Lock Module deliver measurements of underwater objects with high accuracy. For ship inspections, operators can efficiently and precisely measure the scale of cracks and openings to effectively minimize and prevent further chances of damage. Combined with the compass ruler tool, the operator can also physically measure small objects underwater and gather real-time results.



Identify Structures & Landscapes with Sonar Imaging

2D and 3D image sonar 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.



Station Lock System

The FIFISH PRO W6's Station Lock algorithm 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

Innovative Dual 4K Camera

FIFISH PRO W6's Dual 4K Camera System delivers an ultra-wide field of view, facilitates greater efficiency for inspection tasks, as well as provides operators a complete picture of the surrounding underwater environments. The system allows for comprehensive inspections to be performed and, with the FIFISH patented software, the collection of a great range of data is beneficial for professional organizations and teams.

4K Dual Camera System
Pixels: 12 Megapixels
Video resolution: 4K UHD
Signal Format: PAL and NTSC
Lens: Ultra-Wide FOV Lens
Vertical FOV: 100°
Horizontal FOV: 166°
ISO: 6400 (Max)
Lights: 12,000 Lumen LEDs



Q-Motor | An Innovative & Powerful Motor System within a Compact Build

QYSEA's self-developed Q-Motor is a double closed-loop induction motor system that achieves autonomous control, strong depth resistance with high stabilization, as well as improved energy efficiency. The six-motor system arrangement utilizes intelligent algorithms to actively adapt to its surroundings, delivering highly stable and smooth mobility for its ROV users.



Powerful & Removable Lithium Battery

Standard 388Wh removable battery which can be replaced at any time can perform long-time underwater operations, and the battery supports quick charging mode, which can be charged 70% in one hour.



Onshore Power Supply System (OPSS) [Optional Add-on]

W6 adopts Explore and work at greater distances with ease. The OPSS is a simultaneous operating and charging system delivering enhanced operation lengths and uninterrupted diving sessions.

FIFISH PRO W6 Standard Package

