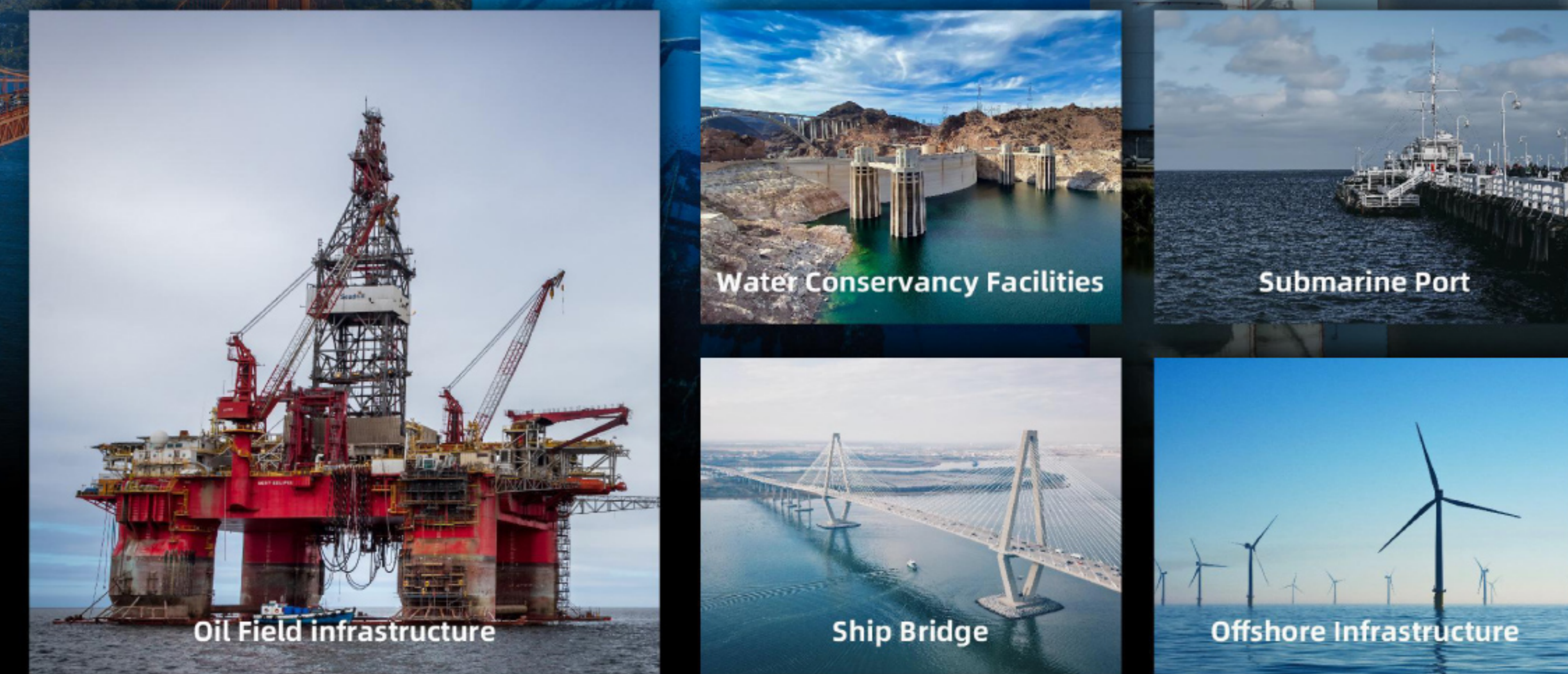
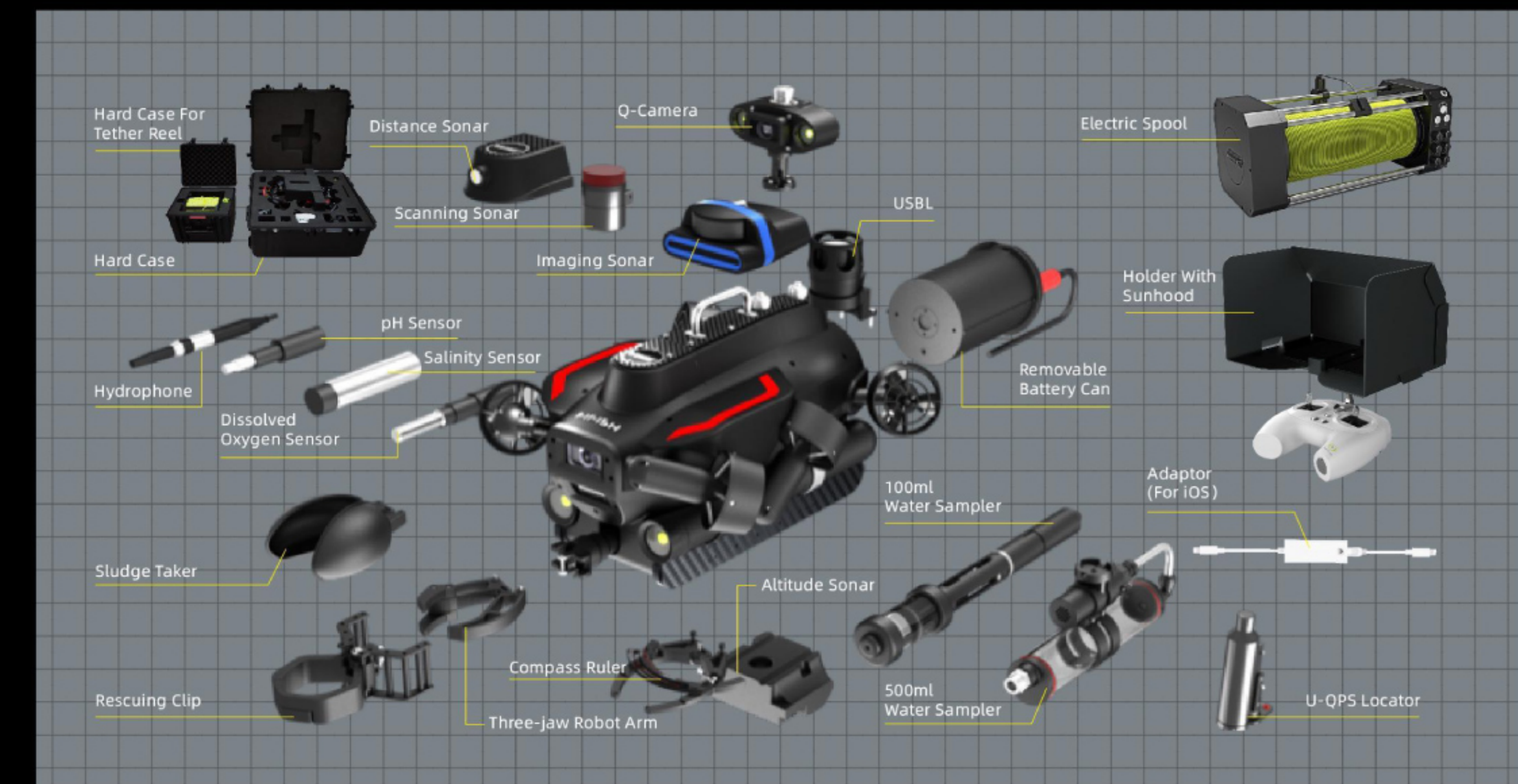
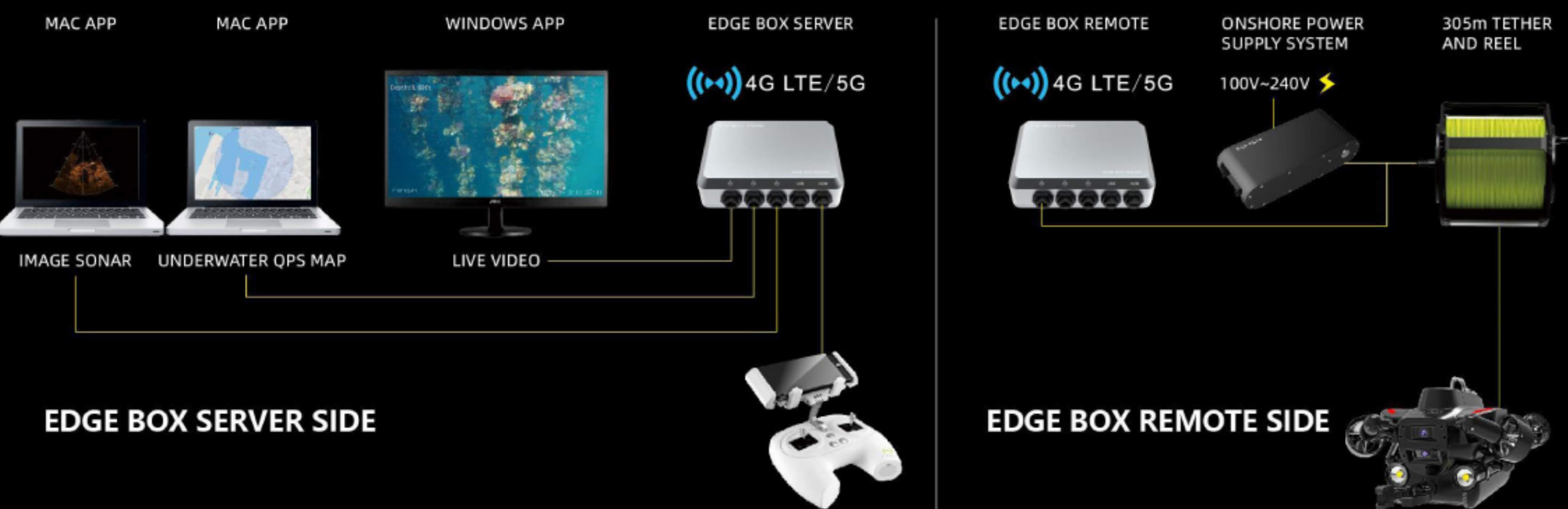


Application Scenarios



Accessories

4G LTE/5G Remote Operated System



FIFISH PRO W6 Specifications



ROV

Dimensions	700mm x 469mm x 297mm
Weight	20kg
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 4.0 knots (2 m/s)
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 Accelerometer, Gyroscope, Electronic Compass
Sensor	Temperature Transducer Depth Transducer

LED LIGHTS

Brightness	12000 Lumen 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

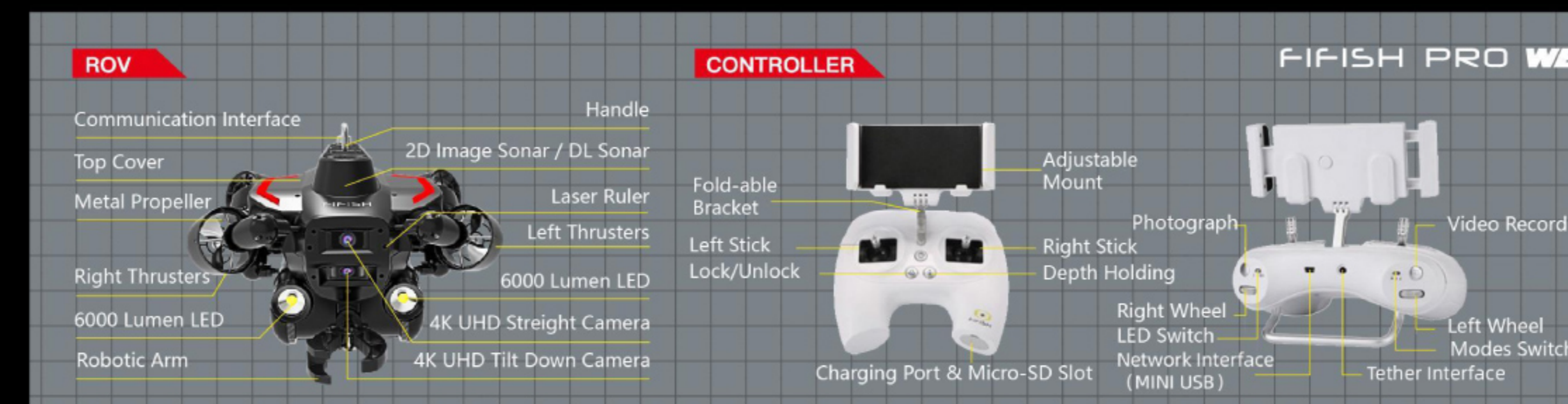
DISTANCE LOCK, ALTITUDE LOCK SONAR SYSTEM

Detection range	0.4 - 7m
Precision	±/-5cm

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

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

COMPONENT BREAKDOWN



INDUSTRIAL-GRADE UNDERWATER ROV PLATFORM

Perform Advanced Deep Underwater Work



FIFISH PRO W6

350m Intelligent Underwater Inspection And Work Expert

Authorized distributor / dealer Netherlands & Belgium:
Onderwaterhuis.NL / UWCamerastore.com
 Neon 25
 4751XA Oud Gastel
 The Netherlands
 Tel. +31 (0)165 553944
<http://www.underwaterhuis.NL> (Nederlands)
<http://www.uwcamerastore.com> (English)



FIFISH
UNDERWATER ROBOT

350M INTELLIGENT UNDERWATER INSPECTION AND WORK EXPERT

Stable, Anti Current, Strong Power And Superior Battery Life

FIFISH PRO W6

FIFISH PRO W6 is an industrial-grade underwater ROV platform, depth rating 350 meter, equipped with the new patented 6 Q-motor system, more battery capacity saving, stronger power, more stable fight-current performance. Innovative modular interfaces which enable the rapid replacement of parts or the switching of accessories with different functions and executing various task efficiently and precisely.



FEATURES

350m
Max Depth

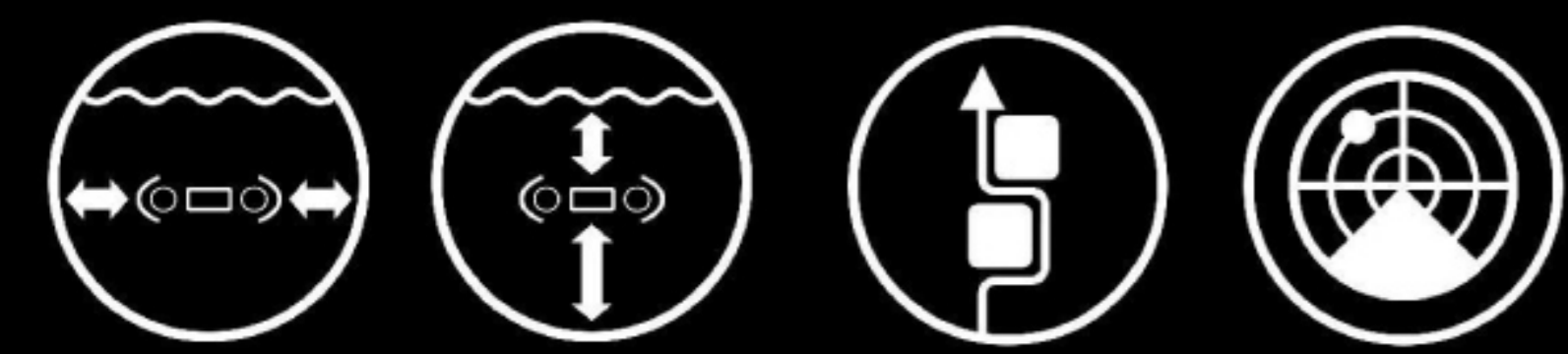
4 Knts
Max Speed

-10~40°C
Temp Range

6 Hours
Depend On Different Working Mode

■ Sonar Array System-Distance And Altitude Lock

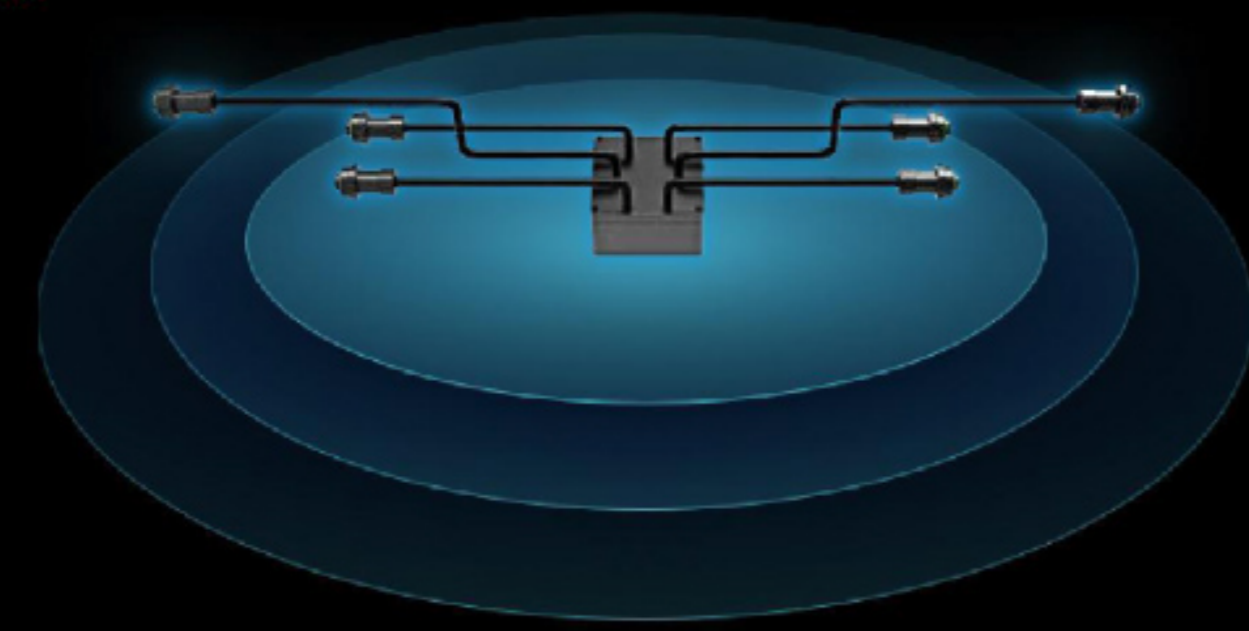
The Sonar Array system is QYSEA patent algorithm which can realize the distance lock, altitude lock, collision avoidance and contour scanning functions. These innovative functions enhanced the ROV user experience and reduce the complicated operation of ROV. Very useful underwater tools can be used to perform various task in complex underwater environment.



Distance Lock Altitude Lock Collision Avoidance Terrain Scan

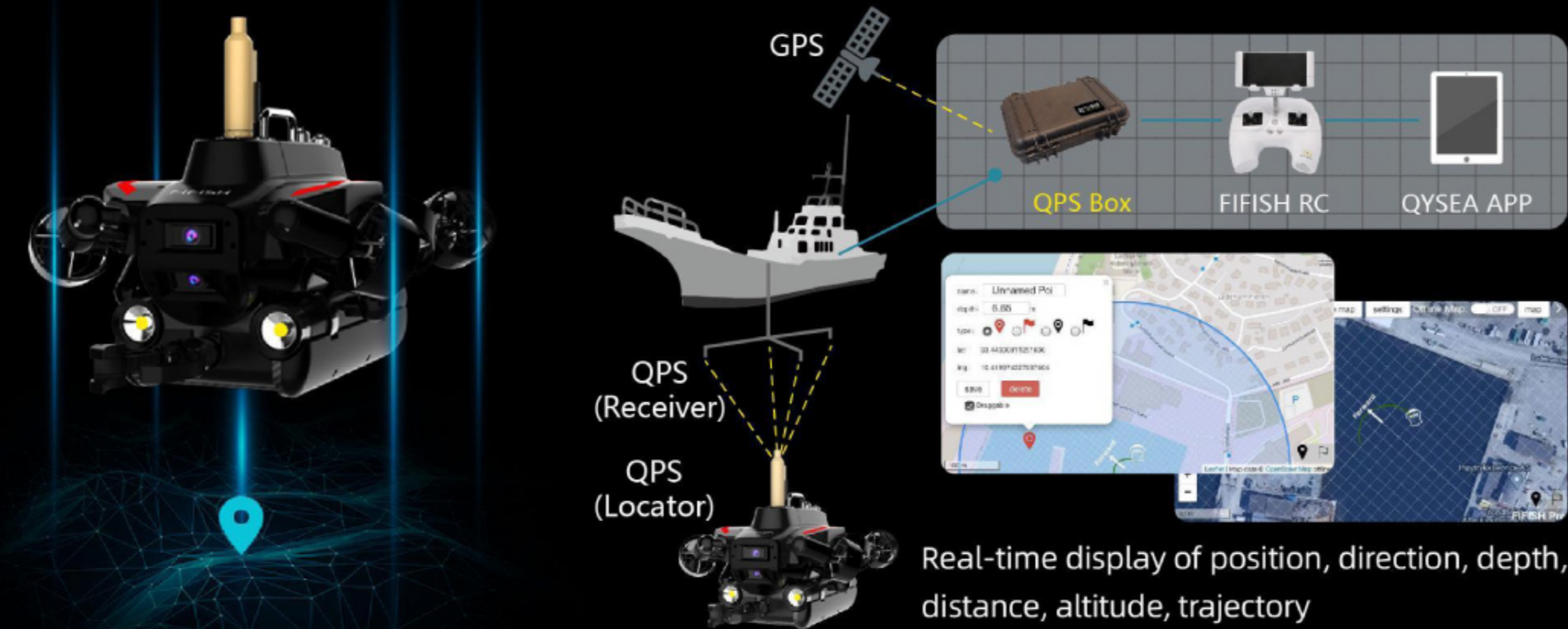
■ 5 Q-Interface For Payload Integrati

W6 is a real ROV platform which can be customized for various industrial specific applications. W6 integrates 5 Q-interfaces for payload integration. It is easier for developers to develop their own dedicated accessory. Due to this design, it realizes the unity control of software and hardware, enrich the functions of underwater operations, and expand the application of underwater robot to the broader field.



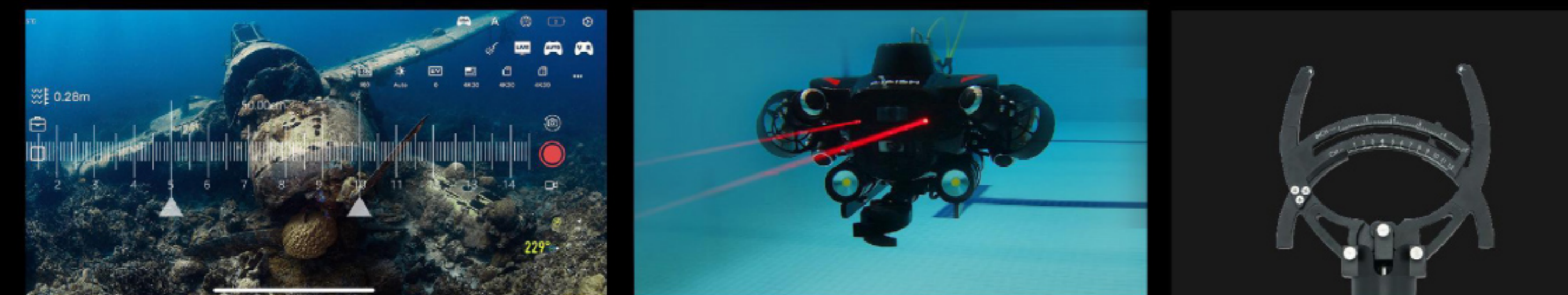
■ U-QPS Underwater Quick Positioning System

U-QPS underwater quick positioning system is a Software and Hardware eco-system which can provide the real-time FIFISH ROV location, POI recording, three-dimensional diving path recording, and one-kick to return POI. Regardless of the interference of deep sea undercurrents, the path of the machine, the underwater 3D map will be displayed in real time, which is suitable for various long-term underwater detection and observation tasks. QYSEA designed software applications bring the ROV user experience to a new higher level.



■ High Precision Ruler Combination (AR Ruler + Laser Ruler + Compass Ruler)

AR ruler and Laser ruler can realize accurate measurement of underwater objects. In ship inspection scene, it can accurately measure the scale of cracks and hull damage to effectively identify and prevent further damage; combined with compass ruler, it can be clamped for underwater small objects and real-time measurement, the measurement system package realizes a new way of measuring full-range coverage.



■ Imaging Sonar

FIFISH PRO W6 Underwater ROV platform can add-on 2D/3D image sonar to perform the inspection under dark and turbid water environment. W6 Modular design makes it possible to keep the fluid surface performance after add-on accessory. Keeping the highly stable operation efficiently.



■ Station Lock

"Station Lock" algorithm can lock the ROV's position underwater, which can keep the position without drift in the complicated water environment. With it, the W6 can execute the extremely stable required inspection and operations.

■ Innovative Dual 4K Camera System, Dual Camera Work Coordination

W6 4K ultra-high-definition dual camera system provides a wider field of view, realizes the coordination of operation monitoring and motion observation, and provides operators with a complete picture of the surrounding environment. With this system, Comprehensive inspections can be performed; In addition, with FIFISH patented software, It can collect various information and analyze corresponding big data to output work reports.

Dual Camera System
Pixels: 12MP
Video resolution: 4K UHD
Signal Format: PAL and NTSC
Lens: Wide Field-of-View
Vertical FOV: 100°
Horizontal FOV: 166°
ISO: 6400 (max)
Underwater Light: 12,000 Lumens



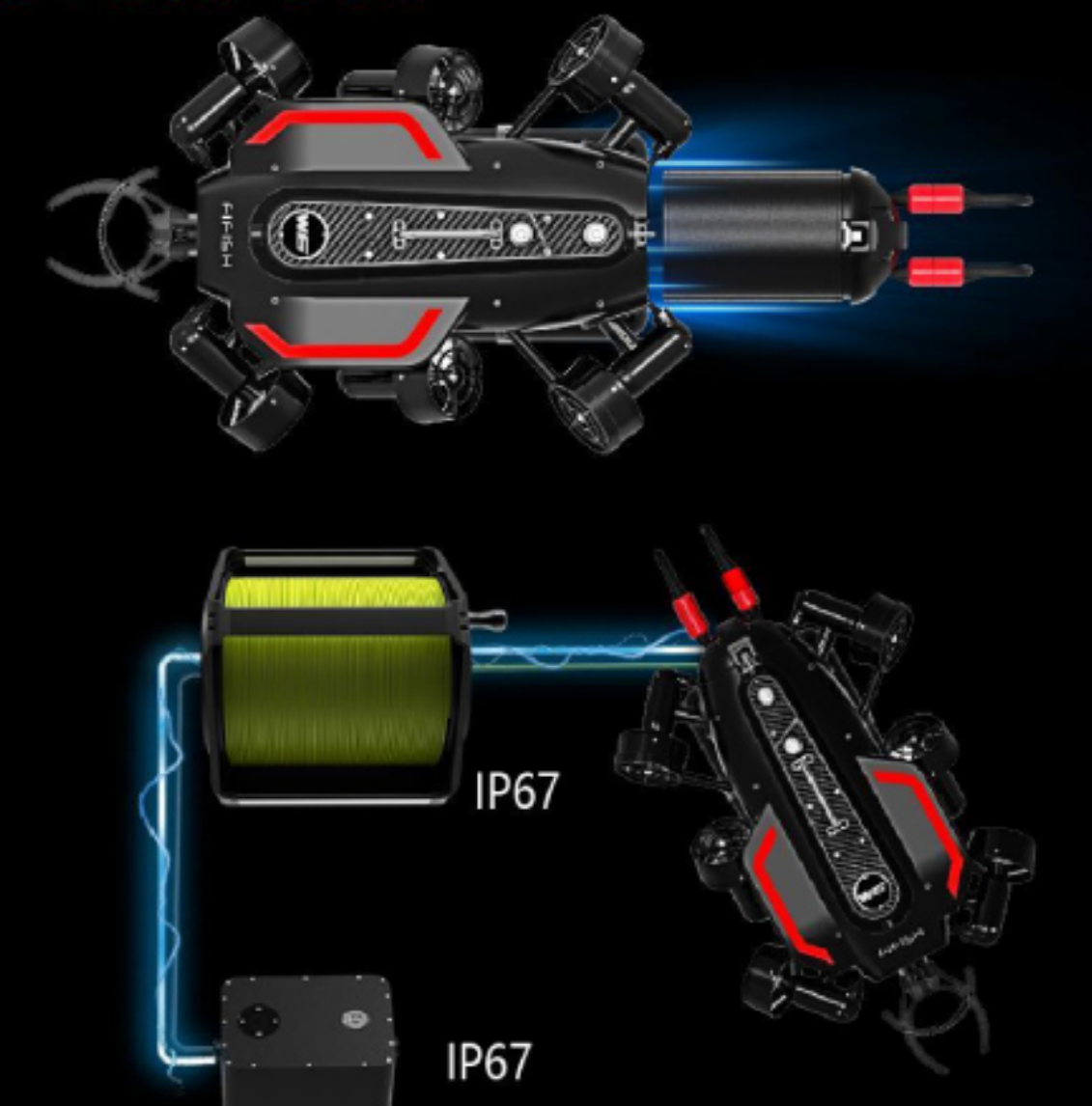
■ A New Generation Of Q Motor Power System, Fully Upgraded

Using QYSEA Technology's "close loop enhanced stabilization algorithm", adaptively adjust the power curve according to the external interference environment, so that the ROV shooting image is more stable, just like an underwater gimbal. Install metal propeller, industrial quality and durable.



■ Removable Battery Quickly Exchange And Use

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

W6 adopts QYSEA patent 6 thrusters system design, miniaturized onshore power supply system to unlimited endurance, unlimited scenes; waterproof, anti leakage, anti electric shock, continuous supply, safe and efficient, worry-free operation.

■ FIFISH PRO W6 Standard Package Contents

