



Small AUV -260



Experimental
Platform



Maritime Security



Wind O&M

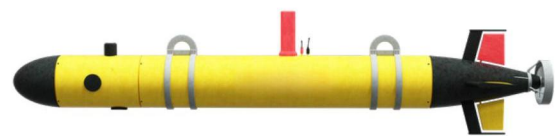


Scientific Research



Aquaculture

Small AUV-260



Small AUV-260 adopts a mature electronic control architecture design, and features precise navigation control, powerful collaborative swarm operation, and real-time online target recognition and processing. It has broad application prospects in both civilian and military fields.

Product Advantages

01 Strong Mobility

High-efficiency integrated propeller-motor propulsion system, max speed 15 knots (standard 6 knots). Optional single/dual horizontal/vertical thrusters enable vertical diving/ascending and dynamic positioning for enhanced mobility.

02 High Intelligence

Powerful online data recognition and processing with SLAM and data-driven capabilities.

03 Diversified Payload

20kg payload capacity, compatible with side-scan sonar, forward-looking sonar, multibeam sonar, hydrophones, and more.

Technical Specifications

Physical Size	260mm(D)X2.5m(L)	Weight	100Kg(standard),Payload 20Kg
Working Depth	0-500m	Velocity Range	1-6kn (standard)
Propulsion Mode	Propeller propulsion+cross/Xrudder control	Endurance	12h(3kn)
Navigation	INS+DVL+GNSS+USBL combined navigation, navigation accuracy is better than 0.3%/0.5%/1%range(customizable)		
Communication	UHF, WiFi, 4G, AIS positioning,satellite communication(optional), underwater acoustic communication(optional)		
Software	Self-developed software control system with intuitive visual HMI. Enables secondary development, post-mission data processing & analysis, and technical maintenance. Customizable options include collaborative networking and data-driven capabilities.		
Movement Patterns	Track tracking, autonomous navigation,depth and altitude navigation, with independent obstacle avoidance, support forsurface remote control, beyond-of-sight remote control, remote communication functions		
Ancillary Facility	Integrated ground control station/military hardened laptop+portable communication box	Extendable Sensor	UnderwaterCCD,CTD, altimeter,obstacle avoidance sonar, side-scan sonar, multi-beamsonar, USBL, etc



Medium AUV-324



**Offshore
Engineering Survey**



Military Survey



**Scientific Research
& Expedition**

Medium AUV-324



Medium AUV-324, outer diameter of 324mm ,weight 300kg, is a flagship AUV featuring high intelligence and powerful detection capabilities, equipped with multiple internationally leading core technologies. It can be deployed from various platforms such as shore-based, ship-based, or submarine-based, and perform missions including reconnaissance, search, and minesweeping..

Product Advantages

01 Multitask Product

Max operating depth: 2,000m. Endurance: 100km–300km (standard options); higher range customizable.

02 High Degree of Modularity

Highly modular compartment design, customizable user payload bay, and strong expansion capability.

03 Excellent Performance

Internationally leading performance across all metrics.

Technical Specifications

Physical Size	324mm(D)×4m(L)	Weight	300Kg(standard), 30Kg payload
Working Depth	600m/2000m	Velocity Range	1-6kn
Propulsion Mode	Standard propeller propulsion+cross/X rudder control; Optional vertical auxiliary propeller,vertical diving and floating, dynamic positioning; Optional vector propeller for high maneuverability		
Endurance	No less than 20 hours (3kn) in basic configuration, can be extended to 50 hours (3kn) or 300km range.		
Navigation	Integrated navigation: INS + DVL + GNSS + USBL Navigation accuracy: 0.3% / 0.5% / 1% of range (customizable)		
Communication	UHF, WiFi, 4G, Satellite-based communication, underwater acoustic communication		
Software	Self-developed software control system with intuitive visual HMI. Enables secondary development, post-mission data processing & analysis, and technical maintenance. Customizable options include collaborative networking and data-driven capabilities.		
Movement Patterns	Track tracking,autonomous navigation,depth and altitude navigation,with independent obstacle avoidance, support for surface remote control,beyond-of-sight remote control,remote communication functions		
Ancillary Facility	Integrated ground control station	Extendable Sensor	UnderwaterCCD,CTD,altimeter,obstacle avoidance sonar,side-scan sonar,multi-beamsonar,USBL,etc



Large AUV-533



**Deep-sea Mineral
Exploration**



**Physical
Oceanographic
Survey**



**Marine Engineering
Business Survey**



Military Survey



**Ecological Business
Survey**

Large AUV-533



533 Large-Displacement AUV system weighs 1–1.5 tons and operates at depths up to 6,000m. Highly modular and intelligent, it features a dedicated LARS for automated launch and recovery, plus an integrated deck container combining transport, storage, data processing, and maintenance.

Product Advantages

01 Full-domain Operation

Maximum depth of 6,000m, range of 1,000km, suitable for polar missions.

02 Modular Expansion

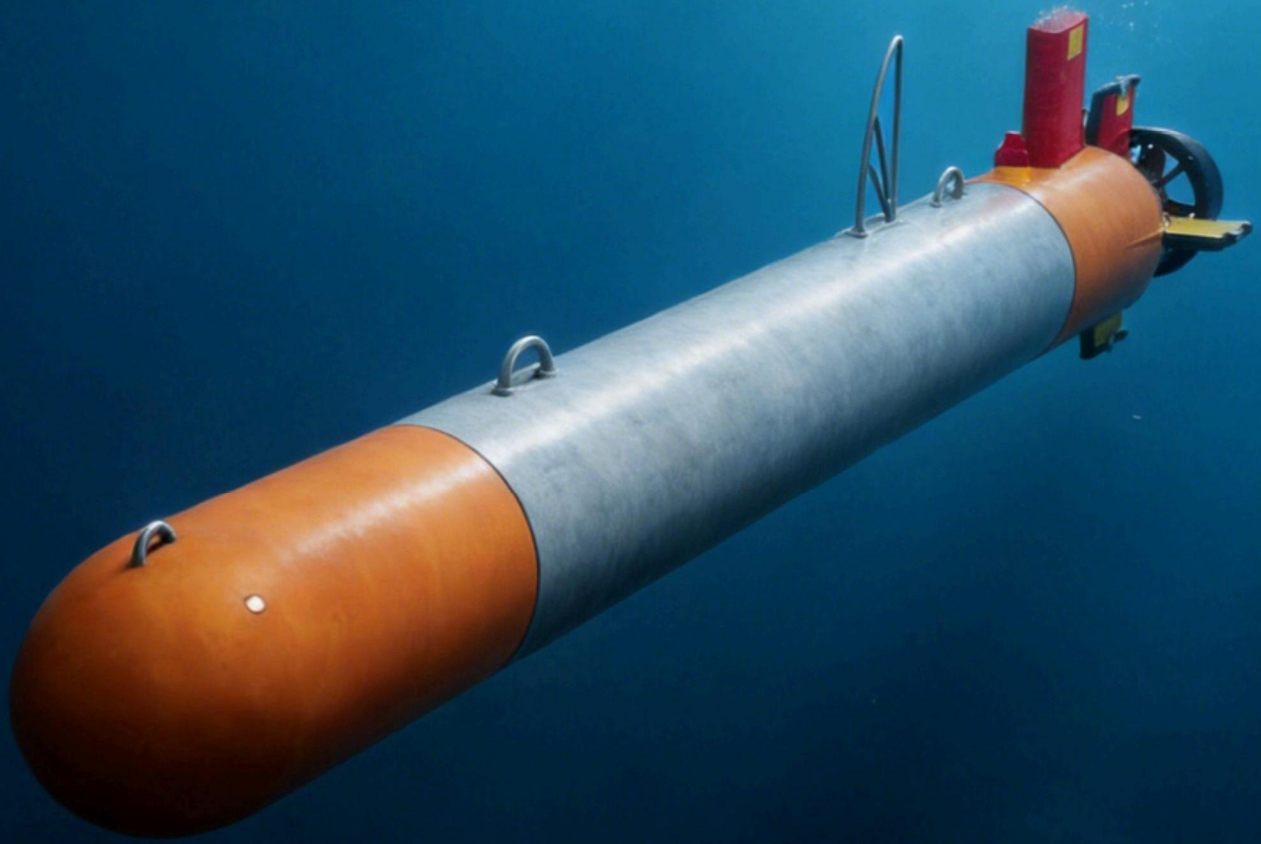
Modular compartment design, customizable payload bay, and strong expandability.

03 Safe and Reliable

Full emergency support system. Capable of 60 days of unpowered self-sustaining communication at sea.

Technical Specifications

Physical Size	533mm(D)×5m(L)	Weight	1200Kg(standard), 150Kg Payload
Working Depth	2000m/6000m	Velocity Range	1-6kn
Propulsion Mode	Tail propeller propulsion + cross/X rudder control, optional vertical auxiliary propeller, vertical diving and floating, dynamic positioning		
Endurance	Not less than 90 hours (3kn) in basic configuration, can be extended to 180 hours (3kn) or 1000Km range.		
Navigation	INS+DVL+GNSS+USBL combined navigation, precision 0.3% range, SLAM and data-driven capabilities		
Communication	UHF, WiFi, 4G, satellite-based communication, underwater acoustic communication		
Software	Self-developed software control system with intuitive visual HMI. Enables secondary development, post-mission data processing & analysis, and technical maintenance. Customizable options include collaborative networking and data-driven capabilities.		
Movement Patterns	Track tracking,autonomous navigation,depth and altitude navigation,with independent obstacle avoidance, support for surface remote control,beyond-of-sight remote control,remote communication functions		
Ancillary Facility	Integrated ground control station	Extendable Sensor	Underwater CCD,CTD,altimeter,obstacle avoidance sonar,side-scan sonar,multi-beamsonar,USBL,etc



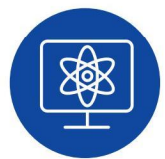
Large AUV-600



Offshore
Engineering
Survey



Military
Application



Scientific
Research &
Expedition

Large AUV-600



The AUV-600 features intelligent swarm capability and powerful detection. It supports multi-channel, multi-network communication under weak signal conditions, with auto-switching of networking channels based on scenarios. Capabilities include formation keeping, formation switching, swarm collaborative control, and cooperative detection & target search.

Product Advantages

01 High Intelligence

Features intelligent swarm capability, enabling formation keeping, formation switching, and collaborative swarm control.

02 Collaborative Detection

Multiple AUVs operate in coordinated formation to search and collaboratively complete target exploration missions.

03 Smart Recognition

Capable of online automatic recognition and classification of seabed target characteristics.

Technical Specifications

Physical Size	600mm(D)×6m(L)	Weight	1200Kg(standard)
Working Depth	1000m/3000m/6000m	Velocity Range	1-6kn
Propulsion Mode	Tail propeller propulsion + cross/X-rudder control. Optional vertical and lateral thrusters available.		
Endurance	24h@3kn		
Navigation	INS+DVL+GNSS+USBL, Navigation accuracy: 0.5% (customizable).		
Communication	UHF, WiFi, 4G, underwater acoustic communication		
Software	Self-developed software control system with intuitive visual HMI. Enables secondary development, post-mission data processing & analysis, and technical maintenance. Customizable options include collaborative networking and data-driven capabilities.		
Movement Patterns	Track tracking,autonomous navigation,depth and altitude navigation,with independent obstacle avoidance, support for surface remote control, beyond-of-sight remote control,remote communication functions		
Ancillary Facility	Integrated ground control station	Extendable Sensor	Underwater CCD,CTD,altimeter,obstacle avoidance sonar,side-scan sonar,multi-beamsonar,USBL,etc