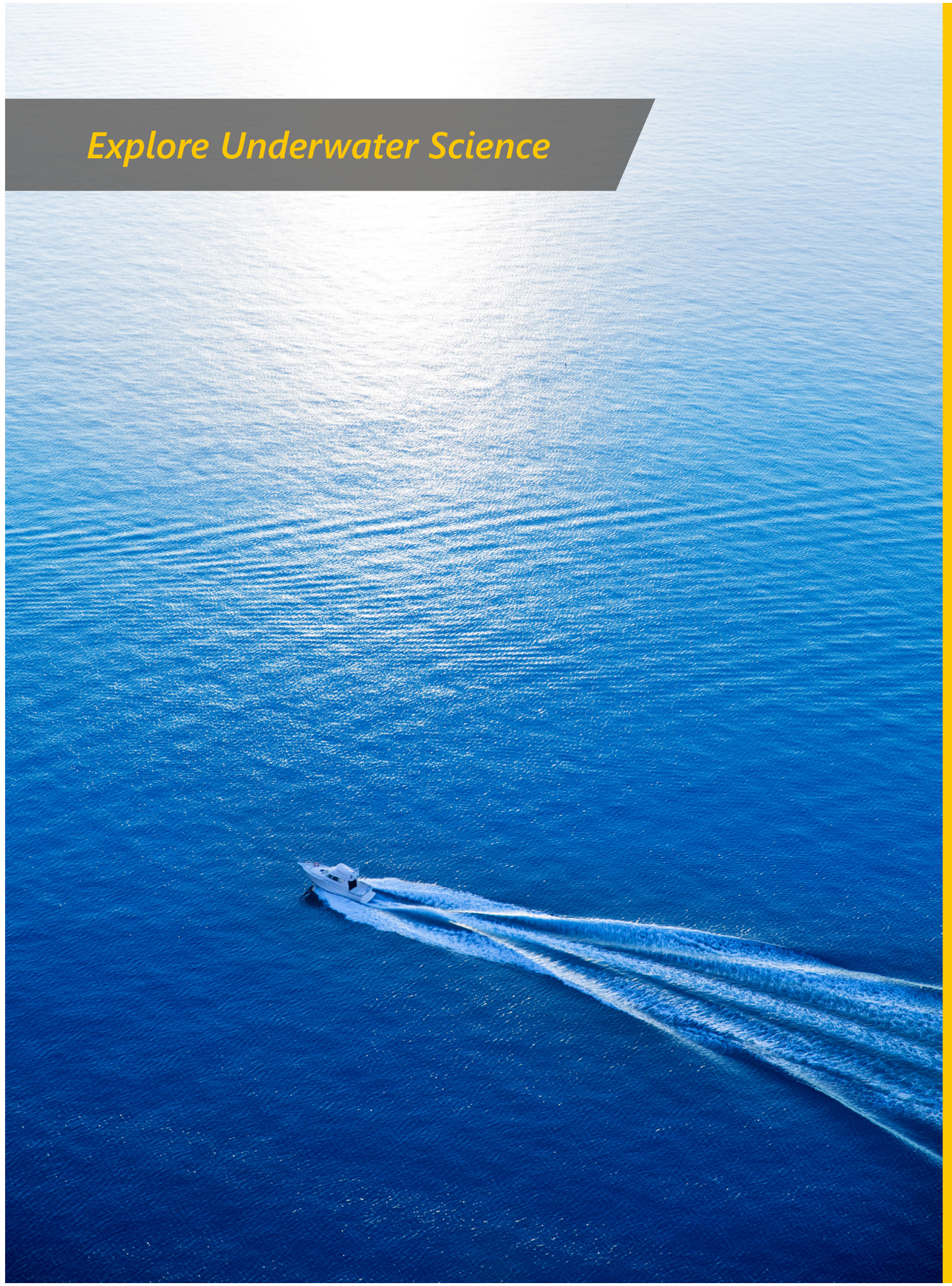
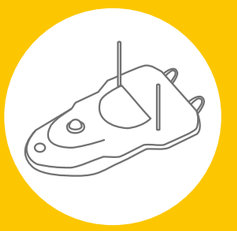


Explore Underwater Science

3



MARINE

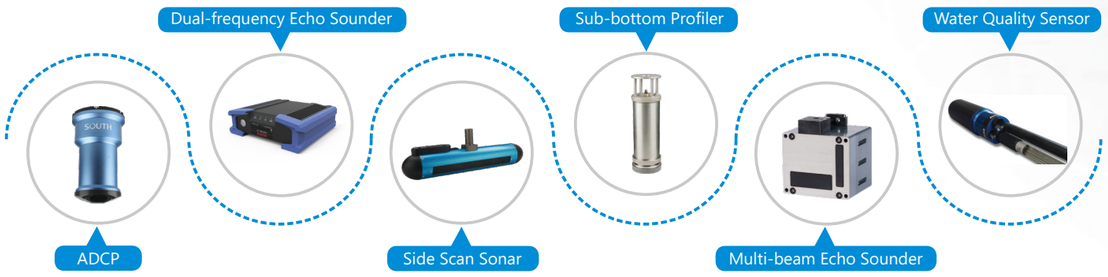
AQUA M10 Entry-level Unmanned Surface Vessel

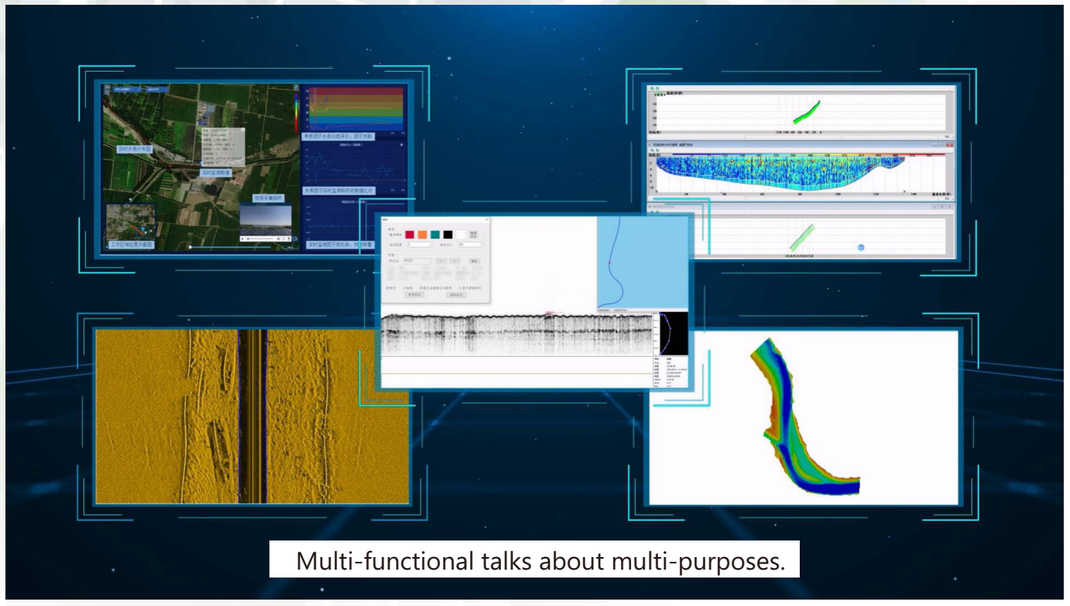
- An economical solution for basic bathymetry application
- 360° pano camera and obstacle avoidance sensor on board
- Network bridge integrated with remote controller, control all in one
- Integrated master control for unmanned boat operation
- Auto-pilot, mission control, and marine survey all in one software

AQUA M20 Multi-functional Unmanned Surface Vessel

SCAN TO BROCHURE

- Cutting-edge moon pool, ready to fit a variety of payloads
- 360° pano camera and obstacle avoidance sensor on board
- Network bridge integrated with remote controller, control all in one
- Double-deck hull design, more rugged and reliable for navigation
- Auto-pilot, mission control, and marine survey all in one software

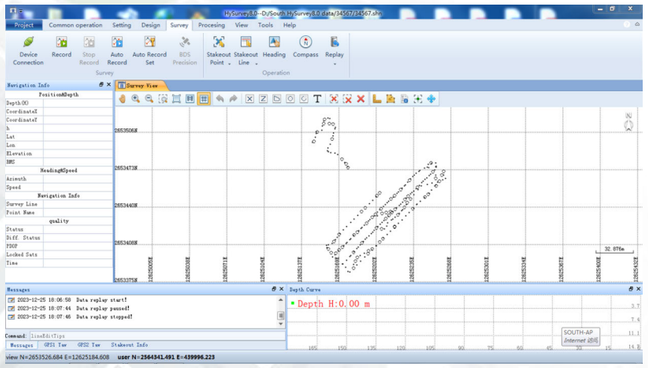



Multi-functional talks about multi-purposes.

AQUA F28S+ Single-frequency Echo Sounder

SCAN TO BROCHURE

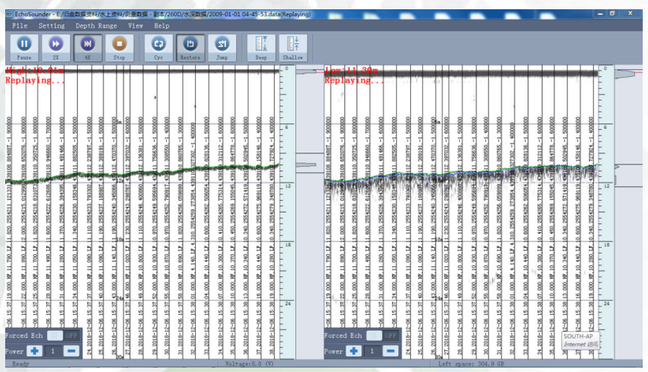
- Aluminum alloy housing and compact design, rugged for missions on manned boat
- Quality DSP chip process for reliable waveform and water depth measurement
- Automatic control of pulse width, gain, power and switch in software
- Enhanced shallow-water tracking mode on board



AQUA F260D Dual-frequency Echo Sounder

SCAN TO BROCHURE

- High frequency obtains accurate results while low frequency enjoys better penetrability
- Best for complex water bodies and coastal fluid mud layer in dredged area
- Other features same as the single-frequency model AQUA F28S+



AQUA F19S+ Single-frequency Echo Sounder Mini

SCAN TO BROCHURE

- Lightweight and handy, ready to fit USV as a must-have component
- Wi-Fi access via tablet PC, and Bluetooth communication with GNSS
- built-in web UI operation, easy to configure and remotely control

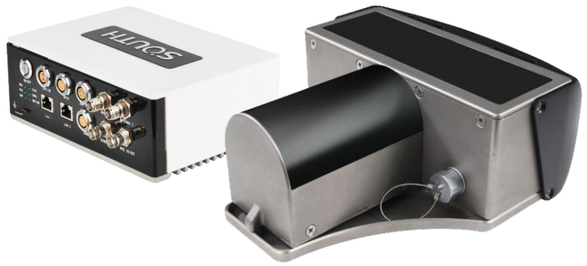
AQUA F19D Dual-frequency Echo Sounder Mini

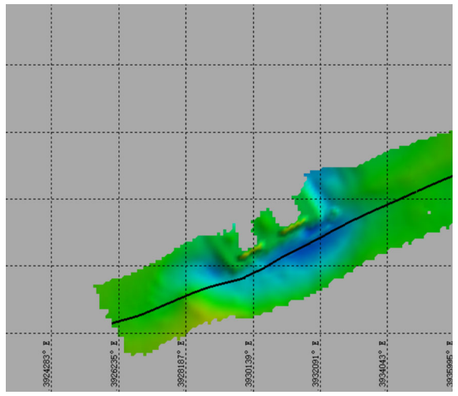
- Dual-frequency version of the model above
- Other features same as the single-frequency model AQUA F19S+

AQUA T400 Multi-beam Echo Sounder

SCAN TO BROCHURE

- Designed to collect hundreds or even thousands of sound intensity sample data within the measurement section, thus implement full coverage measurement in the area
- Used for water course survey, underwater topography, marine-land integrated 3D measurement, etc.
- One-man portable unit, designed for unmanned platforms like USV, ROV, AUV, etc.
- Highly integrated with IMU and GNSS, independent of external devices





Comparison

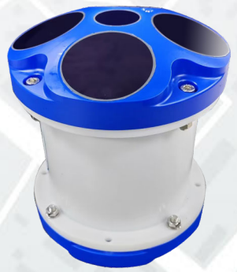
Model	AQUA F28S+	AQUA F260D	AQUA F19S+	AQUA F19D	AQUA T400
Frequency	200 kHz	200/20 kHz	200 kHz	200/20 kHz	400 kHz
Beam	1	1	1	1	512
Integrated with PC	√	√	×	×	×
Software Control	Onboard	Onboard	Web UI	Web UI	Remotely operated or connected to PC
Designed for Unmanned Platforms	×	×	√	√	√
Power Supply	External battery needed	External battery needed	External battery needed	External battery needed	External battery needed

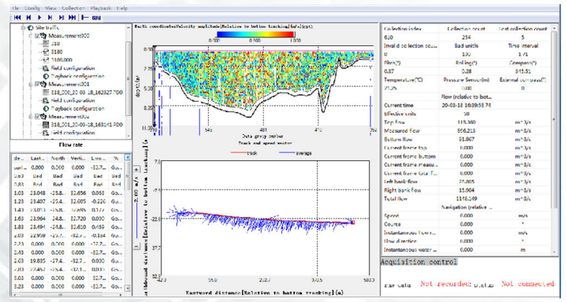
ADCP & Side Scan Sonar

S5 Acoustic Doppler Current Profiler (ADCP)

SCAN TO BROCHURE

- Used for water current measurement in dynamic mode
- 5 beams in total, 4 for current measurement and 1 for depth
- Profiling range 80m max. and bottom tracking depth 120m max.
- Working frequency 600 kHz typical, 1200 kHz optional
- Supports 0.5-4m layer, current velocity accuracy ±0.25% ± 2mm/s

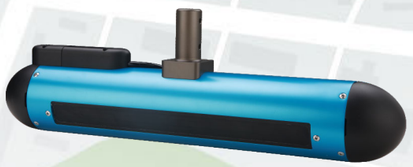


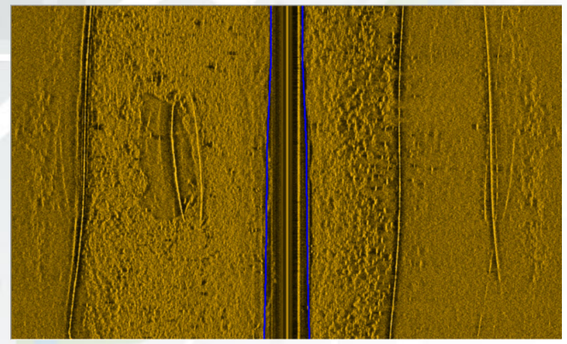


SS500 Side Scan Sonar

SCAN TO BROCHURE

- Used for marine survey detection and presenting a detailed underwater picture
- One-man portable operation and hydromechanical structure design
- Ultrawide coverage, up to 14 times of water depth
- Quality CHIRP imaging technology and anti-interference performance



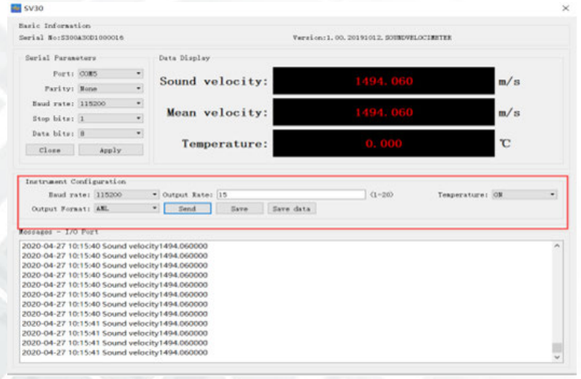


Sound Velocity Sensor & Tide Gauge

SV30 Sound Velocity Sensor

SCAN TO BROCHURE

- Direct measurement of sound velocity, water temperature
- Corrosion and pressure resistant hull,
- 316L stainless steel
- Direct reading by advanced digital signal processing technology
- A variety of data formats to export available



SV40 Tide Gauge

SCAN TO BROCHURE

- Used for studying long-term variations in currents and the volume of water
- Typically installed on the seabed, trestle bridge, dock, anchorage, etc.
- POM material stands out for its high strength, hardness, and rigidity over a wide range of temperatures
- Outstanding data security for time recording and pressure recording