Proven AUV technology trusted by hundreds of users worldwide

New lightweight, compact design for imaging in coastal waters: versatile and easy to operate

Ideal search tool for target identification and reacquisition by ROVs and divers

Rapid deployment and large area coverage for search & recovery, debris mapping and shipwreck salvage
**IVER3-450 NANO SPECIFICATIONS**

**STANDARD FEATURES: Commercial Package Configuration**

**WEIGHT:** ~39 Lbs

**TUBE DIAMETER:** 4.5 inches

**DEPTH RATING:** 60 meters

**DIMENSIONS:** Standard Length: 65 inches

**ENDURANCE:** 5 hours at a speed of 2.5 knots; no current, sonar operating

**SPEED RANGE:** 1-4 knots (2.5 knots survey speed)

**COMMUNICATION:** Integrated Wireless 802.11n Ethernet standard (Iridium Tracking: Optional)

**POWER:** 24V DC Charge Voltage

**TRACKING INTERNAL DATA LOG:** Programmable resolution

**NAVIGATION:** Surface: GPS (SBAS corrected)  
**Subsurface:** Depth sensor (pressure), corrected compass and SeaPilot 4 Beam Rowe DVL with ADCP

**SIDE SCAN SONAR:** StarfishAUV (452kHz) Single frequency, CHIRP System, 100 Meter range per side

**STANDARD SOFTWARE**

- **VECTOR MAP:** Mission planning and data viewing
- **SONAR MOSAIC:** Creates GeoTiff images of side scan records and KMZ files for Google Earth
- **UNDERWATER VEHICLE CONSOLE (UVC):** Operation, run mission and remote control

**ENERGY:** 267 WHrs of rechargeable Lithium-Ion batteries, below hazardous goods shipping limit

**ONBOARD ELECTRONICS:** Intel Dual Core 1.6 GHz N2600 processor, 4GB Memory with Win7 Embedded; Standard 64 GB mSATA solid state drive for data collection

**PROPULSION SYSTEM:** 36V Servo Controlled Brushless DC Motor with cast bronze propeller

**CONTROL:** Four independent control planes (Pitch/Yaw Fins, roll correction)

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**Contact OceanServer Technology for the very latest specifications**

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