IVER3 Nano

Commercial System

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)

OceanServer Technology, Inc.  |  151 Martine Street  |  Fall River, MA 02723 USA
508.678.0550  |  sales@ocean-server.com  |  www.iver-auv.com

Contact OceanServer Technology for the very latest specifications

06-14