

ECHBOAT-160: USV FOR HYDROGRAPHIC SURVEY APPLICATIONS

Unmanned Surface Vessels



The EchoBoat-160 USV is a purpose-built remote survey platform for hydrographic data collection. With true one-switch startup, the nimble vessel accomplishes the same results demanded of large, crewed boats more efficiently and at a fraction of the cost.

Like its renowned predecessors, the fifth generation EchoBoat-160 integrates professional-grade sensor suites in a compact package to navigate challenging bodies of water by remote control or autonomous wayfinding. Perform hydrographic surveys remotely, safely, and confidently with this meticulously engineered uncrewed surface vessel.

ECHBOAT-160: USV FOR HYDROGRAPHIC SURVEY APPLICATIONS

Unmanned Surface Vessels

Key Features

- Two-person transportable
- 8-hour endurance
- Autonomous + remote control operation
- Fully customizable to fit any job and budget

Key Updates

- Single battery pack with one-switch startup
- Lightweight aluminum deck with improved accessibility
- Easy access watertight lid saves time during startup and when swapping sensors
- Stiffer, redesigned mast improves data collection accuracy

Optional Features

- SmartCast™ SVP/CTD Winch System
- Extended range, telemetry and control
- AutoNav™ Autopilot System
- Computer with WiFi bridge
- Front facing camera
- EchoCart with LARS™ transport / launch & recovery system

Specifications

- Length: 1.7 m / 66.14 in
- Width: 0.8 m / 31.5 in
- Height: 0.81 m / 31.9 in
- Power: 24v
- Weight in Air: Payload dependent; up to 170lbs
- Max Survey Speed: 3 knots
- Battery life: 8 hours at recommended survey speed (field swappable batteries)
- Remote Range: 2km; conditions dependent

