

TRIDRONE™

Foldable Unmanned Surface Vehicle



The TriDrone™ USV is a super-compact, portable platform for conducting hydrographic surveys in confined & remote bodies of water. With remotely controlled capabilities, a durable assembly, and a hull-integrated single beam echosounder, this USV brings automation and efficiency to any work site. The USV gains stability from its triple pontoon design and folds into thirds for one-person transport. Its maneuverable servo thruster steers the USV into previously unreachable zones with heightened precision and repeatability. Safely conduct hydrographic surveys from the shore and increase productivity in the field with the TriDrone™.

KIT INCLUDES

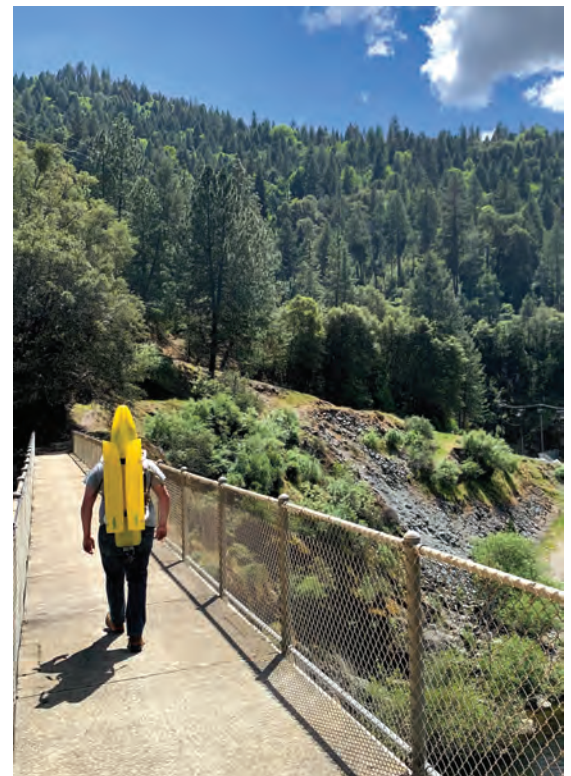
- ▶ TriDrone™ Foldable USV Platform
- ▶ Horizon™ Spektrum Remote Control
- ▶ 1 x 14.8 VDC 16,000mAh LiPo Battery with charger
- ▶ Single beam sonar system suited to customer requirements
- ▶ Servo thruster
- ▶ Shipping case and hardware kit

FEATURES

- ▶ Foldable, compact design ideal for one-person transport
- ▶ Maneuverable servo thruster
- ▶ Field swappable
- ▶ Rugged HDPE hulls to withstand elements & field use
- ▶ Quick-release servo housing for setup & breakdown

SPECIFICATIONS

- ▶ Length: 121.92 cm / 48 in
- ▶ Width: 86.36 cm / 34 in
- ▶ Weight: 10 kg / 22 lbs
- ▶ Motor: 1 x Brushless thruster
- ▶ Remote Range: Up to 1 km
- ▶ Survey Speed: 3 kn / 1.5m/s
- ▶ Battery Endurance: 6-8 hrs



Caron/East, Inc. | 429 N. Mechanic Street | Cumberland, MD 21502 | USA

sales@caroneast.com | www.caroneast.com

REV 1/10/22