

# TRIDRONE™

Foldable Unmanned Surface Vehicle



The TriDrone™ USV is a super-compact, portable platform for conducting hydrographic surveys in confined & remote bodies of water. The USV gains stability from a sturdy, triple-pontoon design and folds into thirds for simple, one-person transport. Its packability enables surveyors to map previously unreachable work sites with heightened repeatability. With remotely controlled capabilities, this unmanned surface vehicle brings automation to the surveyor. Safely conduct hydrographic surveys from the shore, and increase efficiency in the field with the TriDrone.

## KIT INCLUDES

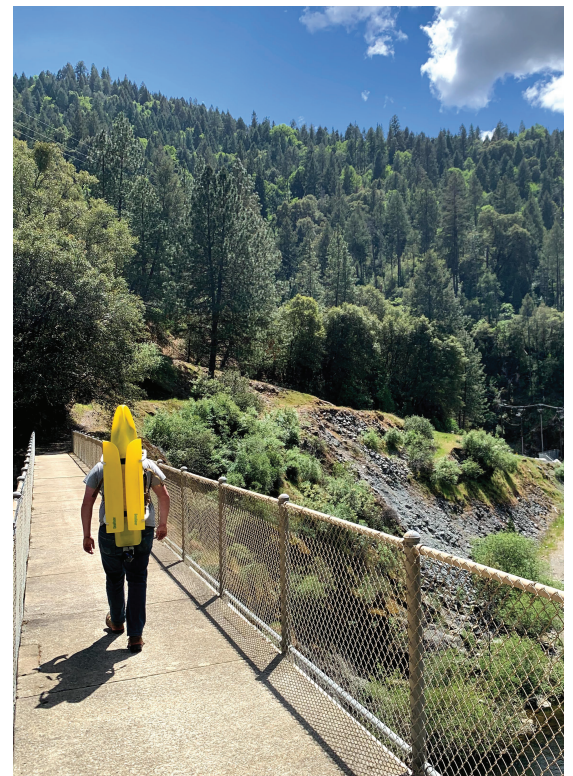
- ▶ TriDrone™ Foldable USV Platform
- ▶ Horizon™ Spektrum Remote Control
- ▶ 1 x 14.8 VDC 16,000mAh LiPo Battery
- ▶ Optional sonar system depending on customer requirements
- ▶ Shipping Case

## FEATURES

- ▶ Foldable, compact design ideal for one-person transport
- ▶ Maneuverable vectored thruster
- ▶ Hot-swappable batteries
- ▶ 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: 8 hrs



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