

September 2019



YSI – Xylem Analytics

BROCK HOUSTON

Core Competency – Sensor Technology

Water Quality Sensors & Instrumentation



Water Velocity / Level / Hydrological Systems



a xylem brand

Integrated Monitoring Systems

Data Acquisition & Sampler Control

Rain



Sampling



Level



Water Quality

Telemetry



Flow

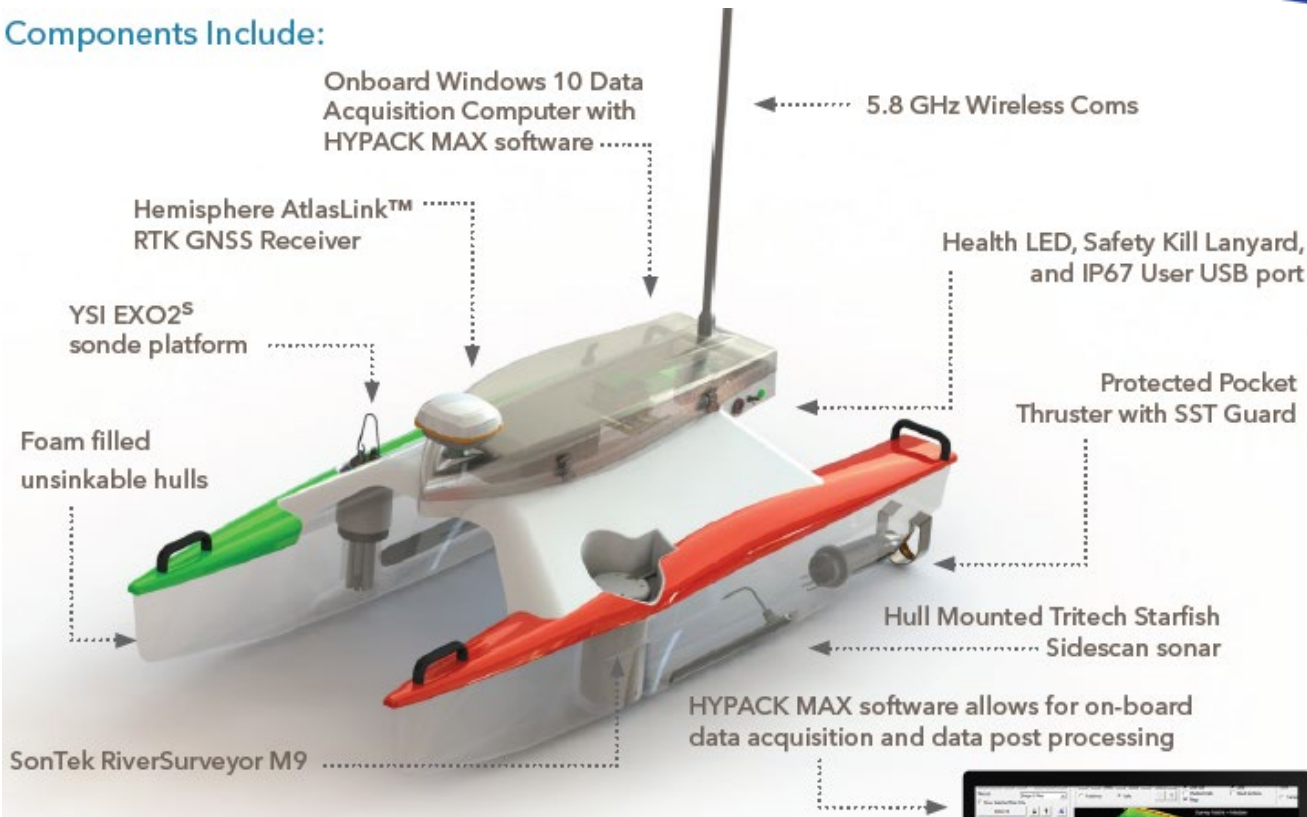


Notification and User Interface

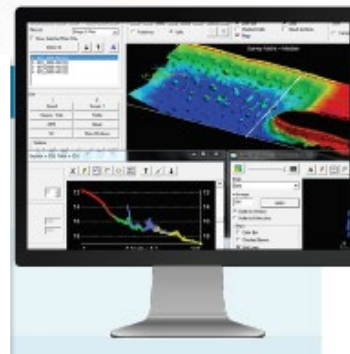


HYCAT – Autonomous Surface Vehicle (ASV)

Components Include:



XYLEM Brands



i3XO – Autonomous Underwater Vehicle (AUV)

The i3XO AUV will provide high resolution water quality data, side scan sonar imaging, downward looking current profiling, and bathymetric surveying.

Product Overview

- *OceanServer Iver3* platform & *YSI EXO* Platform
- Intuitive Point and Click mission planning (user defined or predefined patterns)
- Geo-referenced data
- *Up to 8 water quality parameters (*4 sensor ports)
- Bottom mapping and water column profiling
- Operating depth of up to 100 meters
- Complete wide-area surveys without the use of a boat



Most Suitable Applications

- Lakes
- Estuaries
- Reservoirs
- Near-Coastal