

Autonomous Underwater Vehicle with unmatched capability!

The **i3XO EcoMapper™** is an Autonomous Underwater Vehicle (AUV) data collection platform, unmatched in its flexibility and capability. Its intuitive design allows you to generate high-resolution maps of water quality, water currents, bathymetry, and sonar imagery

without a workboat or associated staff. YSI EXO sensors measure at a continuous interval for missions ranging from 8-12 hours long. Once deployed, the EcoMapper communicates while on the surface and acquires a GPS fix at waypoints identified in the mission plan.

But that's just the beginning of the i3XO EcoMapper capabilities:



Built-in moisture detectors with failsafe emergency buoyancy system for asset recovery



Li-lon batteries allow long run-time and quick recharge



Undulation through the water column provides data in both the horizontal and vertical planes



Bow with integrated sensor package includes YSI's water quality sensor bulkhead, and depth sounder



Near-coastal operating depth – bays, rivers, lakes (to 328 ft depth)



Options to measure up to 8 water quality parameters, bottom mapping, and water profiling

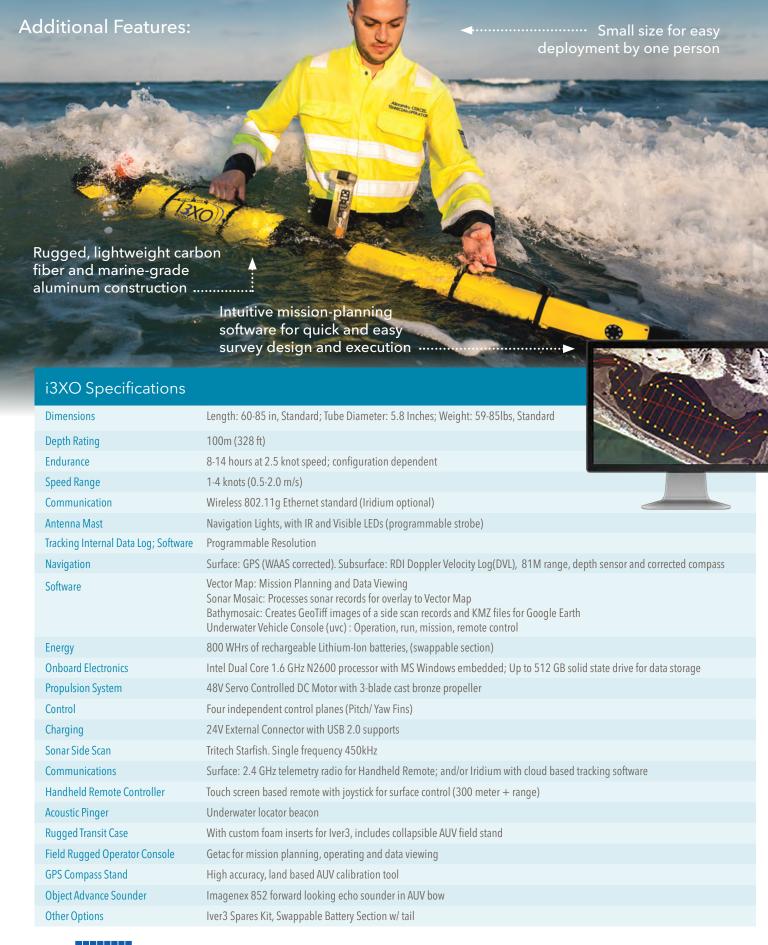














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