

Portable Remotely Operated Singlebeam Survey Boat



The Teledyne Oceanscience Z-Boat 1250 is a remotely operated hydrographic survey boat that is sturdy enough for tough terrain but light enough to be one-person portable. It is outfitted with a singlebeam echosounder and is suited for inland waters such as streams, rivers and lakes.

Teledyne Oceanscience Z-Boat 1250's trimaran style boat has a lightweight hull

manufactured from ABS plastic. The 1250 is IP67 rated, which makes it suited to survey in most water conditions. Thanks to its collapsible sliding crossbar, the new Z-Boat 1250 is easily transported by a single operator making surveys in remote areas possible. The new Z-Boat's propulsion system uses two thrusters, one in each outrigger, and a 2.4 GHz remote control transmitter that differentially adjusts the two thrusters to steer the boat. The design is rugged with no rudder or steering linkages.

Examples of applications for the Z-Boat 1250 include mining pits and tailing ponds, environmentally sensitive areas, construction and inspection zones, dams and reservoirs, harbours and rivers.

<https://www.hydro-international.com/content/news/teledyne-oceanscience-presents-portable-remotely-operated-single-beam-survey-boat>
