



NXINNOVATIONS



NX100 Pro USV Uncrewed Surface Vehicle

Introducing the future of water research with the NX 100 Pro, the ultimate 'Smart' multi-functional USV solution. This cutting-edge technology is designed to revolutionize the way you conduct water research. The NX 100 Pro is packed with features that will make your work easier, including fully autonomous capabilities, a long-range, all-in-one controller that combines control, telemetry, and full HD video in a single device, and swappable high-capacity batteries, each with a three-hour operating time. The Greentech design is not only zero-emissions, but also features a lightweight, robust and highly articulated design that allows for easy transportation and single-operator deployment in the field. The NX 100 Pro is the perfect tool for scientists, engineers, and alike, providing high-performance, trusted reliability, and reducing costs and health & safety risks. Whether it's water quality, hydrographic, bathymetric or inspection work, the NX100 Pro is the most innovative solution on the market. Upgrade your water research with the powerful and revolutionary NX 100 Pro.





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APPLICATIONS

- Water quality monitoring
- Water quality sampling
- Bathymetric survey
- Sidescan sonar
- Sediment/sludge survey
- Hydrographic survey
- Underwater visual imaging
- Above surface thermal or visual imaging
- LIDAR
- Search and rescue
- Surveillance and security





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Specifications



DIMENSIONS:	1000mmL x 700mmW x 460mmH
WEIGHT:	16 kg
SPEED:	3m/s Max, 1-2m/s working speed
PAYLOAD:	10 kg max
BATTERIES:	20000 mAh Lithium-ion battery
PROPULSION:	Twin shrouded 350watt brushless underwater thrusters
OPERATION:	Fully Autonomous & Manual
ENDURANCE:	3 hours per battery
COMMS:	Herelink 2.4 GHz
VIDEO :	Full HD video
CONSTRUCTION:	FRP Fiber Reinforced Plastic
AUTO PILOT:	Cube Orange

Nxinnoation Ltd

Auckland, New Zealand

www.nxinnoation.com

(+64) 0211475220