



NXINNOVATIONS



NX100 Enviro USV Uncrewed Surface Vehicle

Introducing the future of water care with the NX 100 Enviro - the ultimate cleantech solution for a wide range of water environments. Whether it's a river, lake, marina or harbor, the NX 100 Enviro is designed to effectively remove floating litter and hydrocarbon-based pollution from the water surface, making it a powerful tool for environmental restoration. Its lightweight and highly articulated design allows for easy transportation and single-operator deployment, and its long-range radio control (up to 1km) can be upgraded to fully autonomous capability. The NX 100 Enviro's Greentech design is not only zero-emissions, but also features swappable high-capacity batteries with a three-hour operating time per battery. The 80-litre waste capacity net is easily exchangeable, and an additional oil/hydrocarbon boom can be added for emergency response. With the ability to add a wide range of water quality sensors/samplers and an onboard camera with optional recording features, the NX 100 Enviro offers marina and harbor operators security and inspection capabilities as well. Upgrade your water care with the powerful and versatile NX 100 Enviro.





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APPLICATIONS

- Floating litter removal
- Floating Biomass removal
- Vessel & marine structure visual inspection
- Oil spill barrier boom deployment
- Hydrocarbon removal
- Water quality monitoring
- Security & surveillance
- Search & Rescue





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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:	Manual
ENDURANCE:	3 hours per battery
COMMS:	2.4 GHz Radio control
VIDEO COMMS:	5.8 GHz
COMMS RANGE:	1 km
CONSTRUCTION:	FRP Fiber Reinforced Plastic

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