

TRIAXYS™

Wave & Current Buoy

Key features

- Real-time full wave outputs
- Power for extended deployments
- No annual calibration required
- AIS capable



The TRIAXYS™ offers the widest range of options of any wave buoy in its class. Giving users a reliable, proven solution for cost-effective wave and current data collection. The TRIAXYS™ g3 wave sensor represents the latest iteration of the reliable industry standard that has been in use for over 20 years

Specifications

Product	TRIAXYS™ Wave & Current Buoy
Country of origin	Canada
Manufacturer	AXYS Technologies

Specifications

TRIAXYS™ G3 Wave Sensor	Solid State 9 Degrees of Freedom Motion Sensor
ADCP	Nortek Aquadopp V2 400kHz / Nortek Signature 500kHz / 1000kHz
Physical description	Diameter: 1.10m outside bumper Weight (including batteries): 235 kg
Buoy positioning & marine marking	Navigation Lamp: Amber LED Programmable IALA ODAS flash sequence with 3 miles visibility GPS: Continuous off position location monitoring ATON: AIS Aid to Navigation
Renewable power supply	4 at 12 Volt, 100 Amp hr/battery Smart Charger: 6.9 Watt MPPT Solar Charge Controller Solar Panels: 10 panels @ 6.9 Watts eac
Data acquisition & management	Controller: Watchman500 Operating Software: Data Management System (DMS) & AXYS-APS Software
Telemetry options	VHF/UHF IsatData Pro 4G/LTE
Materials	Hull: Stainless steel Dome: Impact resistant polycarbonate Solar Panel Assembly: Fiberglass over foam Clamping ring: Stainless steel

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