



OceanWave Buoy

Small Wave Monitoring Buoy for accurate wave data



Perfect solution to collect accurate data on ocean waves and Sea Surface Temperature (SST)



Provides accurate measures on wave height, period and direction, and is able to track currents (speed and direction)



Includes a SST sensor (0.1° accuracy)



Structures adapted to maritime environments, guaranteeing stability, buoyancy and ruggedness



Autonomous Energy (photovoltaic systems) and Seamless Transmission GSM/4G or via satellite

MEASUREMENTS	RANGE	ACCURACY	RESOLUTION	OCEANWAVE AQUA	OCEANWAVE PLUS
Wave - Significant Height (Hs)	0 - 20 m	0.1 m	0.1 m	•	•
Wave - Period	1 - 30 s	0.1 s	0.1 s	•	•
Wave - Maximum Height (Hm)	0 - 35 m	0.1 m	0.1 m	•	•
Wave - Direction	0 - 360°	1°	1°	•	•
Wave - Sea Surface Elevation Time Series	-20 - 20 m	0.1 m	0.1 m	•	•
Surface Current - Speed	0 - 1,000 cm/s	10 cm/s	1 cm/s	•	•
Surface Current - Direction	0 - 360°	1°	0.1°	•	•
Sea Surface Temperature (SST)	-5°C to +50°C	0.1°C	0.01°C	•	•
Wave - Spectrum Frequency	0.035 - 0.3 Hz	0.01 Hz	0.01 Hz		•
Wave - Spectrum Spectral Density	0 - 10 m ² /Hz * rad	0.01 m ² /Hz * rad	0.001 m ² /Hz * rad		•

