

WaveDroid

Features

- Bulk Directional Wave Parameters
- 2D Specrum
- Web Dataview & Configuration
- GPS Fence with Warning
- GSM Telemetry
- Rugged HDPE Housing
- Simple Robust Mooring
- Internal Data Logging
- Onboard Processing
- Single Piece Check-In Luggage



Datasheet
Revision 1

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SPECIFICATIONS

Physical Properties

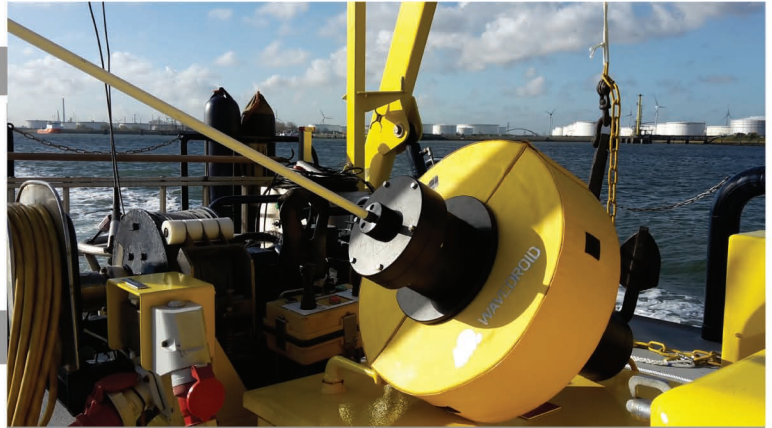
Size:	600mm X 500mm
Weight:	22kg
Antenna Length:	650mm
Housing Material:	HDPE with SS316 Fixtures
Float Material:	Closed Cell EVA with Vinyl Cover

Sensor Parameters

Type:	Mems
Sampling Rate:	5 Hz
MCU:	32Bit 48Mhz
Heave Period:	1.0s to 20.0s
H _s Accuracy:	7 cm
T _m Accuracy:	0.5 s
Dir _p Accuracy:	15°

General

Operating Temp:	0 to 50 °C
GPS Position:	30 min Fix, precision < 10 m
GSM Telemetry:	900 Mhz & 1800 Mhz
Battery Type:	36 x Alkaline D-Cell Std. Pack
Battery Pack:	User Repackable

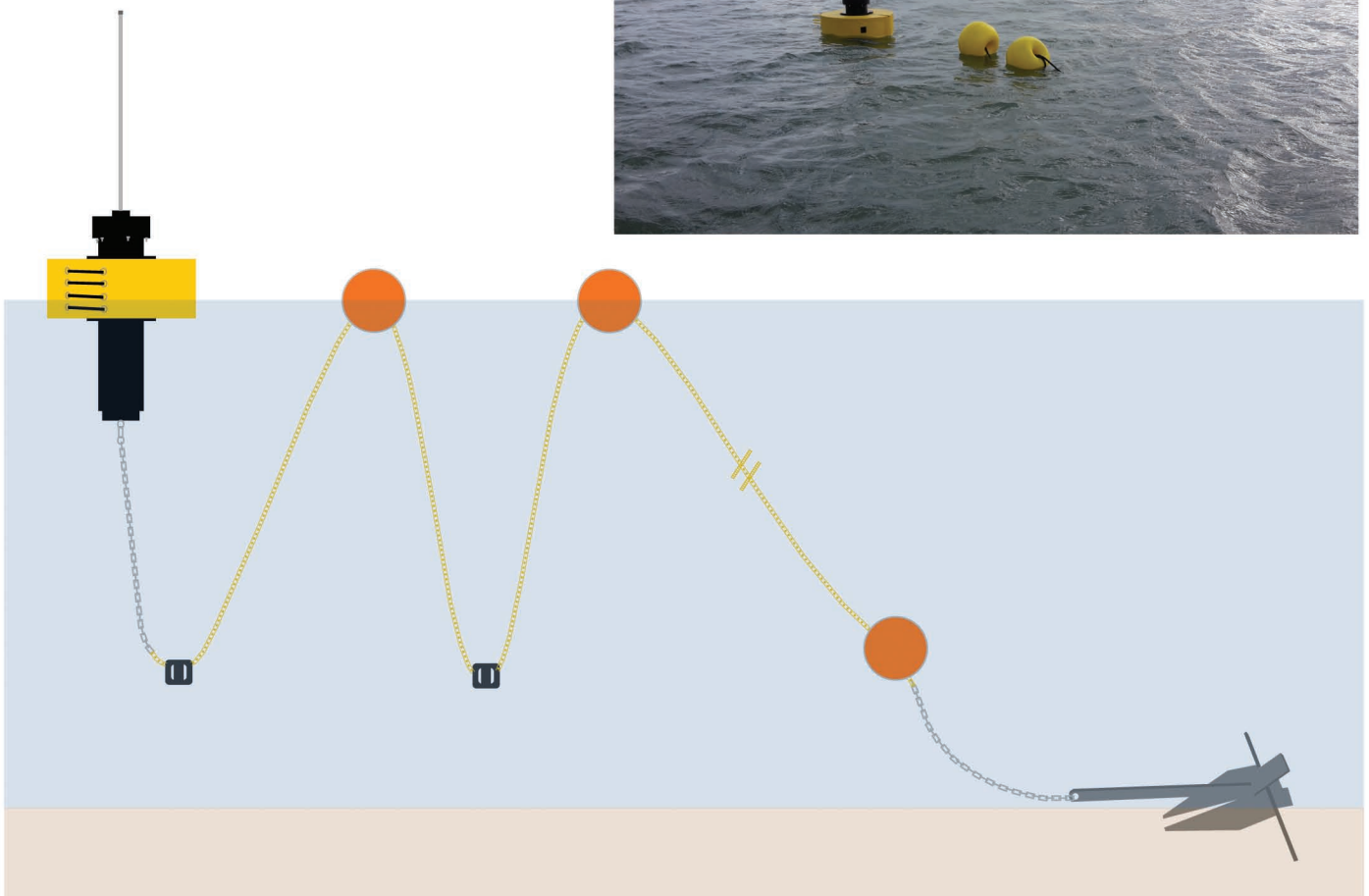
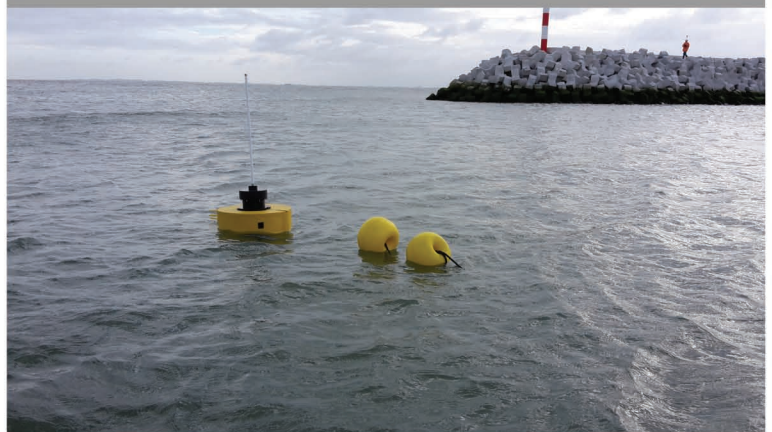


APPLICATIONS

- Marine Construction and Planning
- Coastal & Wave Modelling
- Coastal Erosion Studies
- Wave Monitoring
- SHE Compliance and Reporting
- Marina Design
- Ship Routing

INDUSTRIES

- Ports & Harbours
- Offshore Renewable Energy
- Marine Construction
- Environmental Monitoring
- Coastal Research



Above: Typical WaveDroid Mooring, designed to be simple to construct from easy to source supplies.