

CoastEye – Mini Buoy

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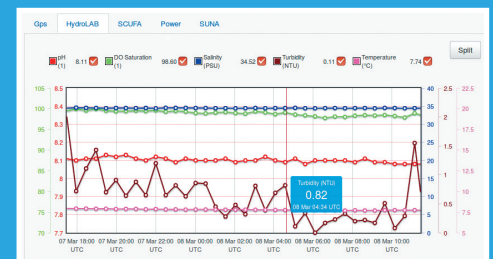
The TechWorks Marine CoastEye – Mini Buoy is a Robust, Reliable and Secure, Portable Data Buoy. Designed for Coastal and Freshwater applications.

Features:

- Portable and easily deployable
- Flexible input options – up to three sensors
- Flexible telemetry options
- Flexible sampling
- Web based data interface
- Full platform monitoring and warning system

Designed for real-time monitoring in coastal and fresh water environments, the very low power nature of the buoy system enables the user to sample from up to three different sensors at any one time. This makes the CoastEye Mini Buoy ideal for quick emergency response monitoring deployments, as well as for longer term monitoring campaigns. Ideal for Environment Agencies, Local Authorities and Consultant Engineers, it can be used to measure current profiles and water quality in a single small platform.

The CoastEye Mini Buoy can be easily deployed in the field, and will immediately start sending back real-time data to the TechWorks Marine CoastEye web portal. Users are able to view, analyse and download data from this site, and communicate with the Mini Buoy to change sampling intervals, telemetry options or conduct diagnostics.



Applications:

- Dredging
- Coastal Monitoring
- Aquaculture
- Ports and Harbours
- Pollution Detection
- Statutory Monitoring

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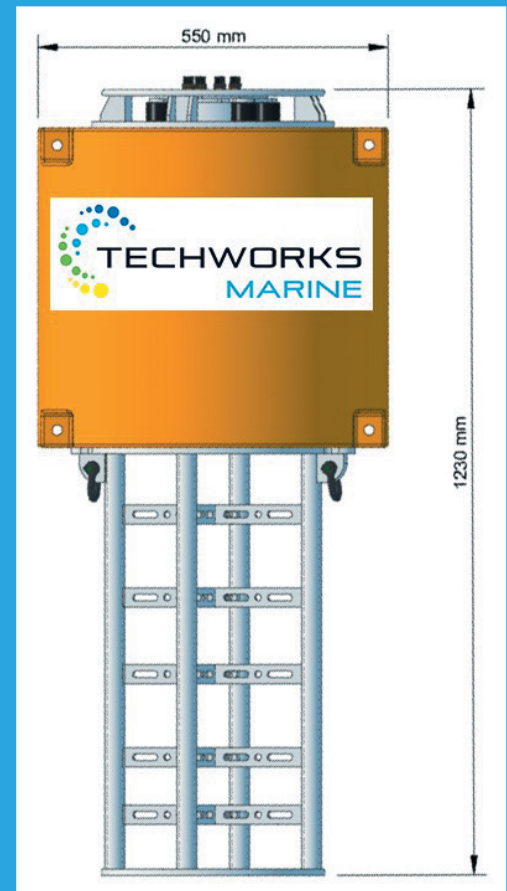
Electronic specifications:

Storage:	16GB microSD
Telemetry:	GSM/GPRS
Location:	GPS/GLONASS/Galileo
Sensors:	Internal Temperature / Humidity Sensor 3 x RS232 sensor inputs with switched power for sensors (12v)
Connectors:	Subconn waterproof connectors
Antenna:	Combination low profile GPS/GSM antenna
Battery Endurance:	30 days with 3 serial instruments, sampling every 15 minutes with data transmission once per hour.

Currently Supported Sensors:

- Seabird Hydrocat-EP
- Seabird SUNA V2
- WETLabs ECO-FLNTUS
- Turner SCUFA Fluorometer
- Seapoint STM-S Turbidity
- HydroLab HL4 / HL7
- Aanderaa Optode
- Data visualisation

Buoy configuration: CoastEye data platform



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