



WISDOM Data Buoy

Wireless Interface System
Digital Offshore Monitoring

MSeis WISDOM Data Buoy allows real-time acoustic measurement over a Wi-Fi link for marine mammal mitigation and noise level measurement. Remote control software allows the buoy to be reprogrammed and operate autonomously.



Technical Specification

- Size 1250mm diameter x 2.5m height above water
- Weight 130kgs
- Lighting IALA compliant, 2-3NM independently powered
- Wireless 5GHz Omnidirectional to 1km
- Battery 2x 12V SLA 22Ah
- Processing J1900 CPU & 8GB RAM
- Storage 120GB SSD
- Acquisition 4x 500kHz 16-bit NI DAQ
- Software Windows 10, Pamguard, MSeis Buoy Client
- Mooring Steel wire or anchor chain
- Lifting 3x Moulded lifting eyes
- Construction UV stabilised polyethylene
- Solar panels 4x 12V 10W
- Output format WAV & SQLite
- Transport Bespoke trailer for road & storage rack for vessel
- Expansion Additional storage, VHF radio link & 3rd party sensors

listening to our planet

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