

# Data Controller for Wirewalker

## Sea to sky realtime communication system

The RBRcervello data controller is mounted on the surface buoy above a Del Mar Oceanographic (DMO) Wirewalker. It controls and retrieves data inductively from an RBR*concerto* or RBR*maestro* mounted on the Wirewalker. Realtime data may be transmitted via Iridium or GSM modem, and is immediately available on a private website. Data is also archived on the RBRcervello for redundancy, and is accessible via a USB stick upon buoy recovery.

### Features

- Flexible deployment configuration using only a USB stick
- 4800 baud inductive telemetry for high sampling rates
- GSM and Iridium telemetry options
- Phone or tablet view of realtime data from anywhere on the planet



# Data Controller for Wirewalker

Sea to sky realtime communication system

## Specifications

### Physical

- Height (GSM/Iridium): ~820mm/~1030mm
- Diameter: ~235mm
- Weight: ~25kg including batteries
- Power: 2x alkaline D cell packs  
1.2kWh total
- Maximum channels: 10
- Positioning: GPS

