

SMART DEPLOYMENT EXTENDER



ADDED POWER AND
DATA STORAGE

The RBRcervata is the fusion of the RBRfermata underwater battery canister with the RBRcervello data controller, designed to support RBR standard instruments. It provides both additional battery power and external memory, adding up to four years to deployment times.

FEATURES



128GB
memory



Up to 3.3kWh
capacity



Overcurrent
protection



Pressure
relief valve



Three MCBH
connectors



Depths up to
4000m

The RBRcervata downloads the data from your instrument to its memory card at set intervals. It also facilitates advanced deployment management: reconfiguring the instrument, synchronising the realtime clock, and rotating the memory to accommodate longer deployments. An instrument can be connected to, or disconnected from, the RBRcervata at any time. Power delivery to an attached instrument is constant, regardless of the state of the data controller, including during deep sleep mode. The 750m rated model has the option of being mounted with the RBRfermata for longer deployments.

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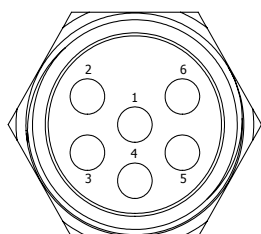
Specifications

Physical

Storage	128GB microSDXC memory card
Communication	RS-232 or RS-485
Power	48 D-cell battery pack
Capacity	0.9kWh (alkaline), 2.8kWh (Li)
Connectors	Three MCBH connectors, or a combination of MINK and penetrators
Housing	Plastic or Ti
Length	788mm
Diameter	Ø140mm
Handles	250mm x 142mm
Weight (Ti, with batteries)*	~30-32kg in air, ~18-20kg in water
Weight (Plastic, with batteries)*	~17-19kg in air, ~5-7kg in Water
Depth rating	750m/4000m

* Dependent on battery type.

RS-232 MCBH-6-FS connector pinout



- ▶ Pin 1 - Ground
- ▶ Pin 2 - Power
- ▶ Pin 3 - Serial data from instrument
- ▶ Pin 4 - Serial data to instrument
- ▶ Pin 5 - N/C
- ▶ Pin 6 - N/C



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