RBR
MEASURE THE BLUE PLANET

DEPLOYMENT EXTENDER

ADDED POWER AND DATA STORAGE

The RBR*cervata* is the fusion of the RBR*fermata* underwater battery canister with the RBR*cervello* 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 RBR*cervata* 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.
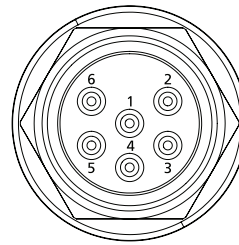
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Specifications

Physical

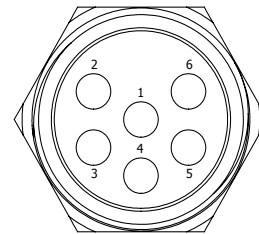|	
Storage	128GB microSDXC memory card
Communication	RS-232 or RS-485
Power	56 D-cell battery pack
Capacity	1kWh (alkaline), 3.3kWh (Li)
Connectors	Three MCBH connectors, or a combination of MINK and penetrators
Housing	Ti
Length	788mm
Diameter	Ø140mm
Handles	250mm x 142mm
Weight (with batteries)*	~30-32kg in air, ~18-20kg in water
Depth rating	4000m

* Dependent on battery type.

MCBH-6-MP 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

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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