SMALL DEPTH RECORDER

20M READINGS ON A SINGLE AA BATTERY

The RBR*solo³* D is a compact, lightweight, and versatile single channel logger. The logger offers flexible measurement schedules, standard sampling up to 2Hz, and optionally up to 32Hz. It also features large memory, more power for extended deployments, and USB-C download for large data files.

FEATURES

Compact and lightweight	Any AA battery	Up to 32Hz sampling	USB-C download	Cabled RBR*coda³* variant available

The RBR*solo³* D recorder is available in the following configurations:

- ▶ RBR*solo³* D — up to 2Hz continuous sampling
- ▶ RBR*solo³* D|fast16 — up to 16Hz continuous sampling
- ▶ RBR*solo³* D|fast32 — up to 32Hz continuous sampling
- ▶ RBR*solo³* D|tide16 — up to 16Hz bursts with tidal averaging
- ▶ RBR*solo³* D|wave16 — up to 16Hz bursts with wave analysis

The RBR*solo³* D makes it easy to configure the optimum sampling regime for your measurements whether the recorder is moored, towed, or profiling. The large data storage capacity and fast download ability facilitate long deployments with high sampling rates. A dedicated desiccant holder makes it simple to replace desiccant before each deployment. Dataset export to Matlab, Excel, OceanDataView®, or text files makes post processing with your own algorithms effortless.

![RBR — MEASURE THE BLUE PLANET]

SMALL DEPTH RECORDER

COMPACT, ACCURATE, DEPENDABLE

- Compact and lightweight
- Any AA battery
- Up to 32Hz sampling
- USB-C download
- Cabled RBR*coda³* variant available

General Information

Physical

Power:	Any AA cell
Communication:	USB-C
Clock drift:	±60 seconds/year
Depth rating:	up to 1,000m (RBR*solo* D), or up to 10,000m
Diameter:	25.4mm
Length:	~210mm (RBR*solo³* D|deep)
Sample capacity:	20M readings
Housing:	OSP (RBR*solo³* D) Titanium (RBR*solo³* D|deep)

Depth

Range (OSP):	20 / 50 / 200 / 500 / 1000m
Accuracy:	±0.05% full scale
Resolution:	<0.001% full scale
Time constant:	<10ms
Typical stability:	~0.1%/year

Sampling rates and Autonomy

RBR*solo³* D

Sampling rate:	24hr to 1s, and 2Hz		
Autonomy:	Rate	Duration	# samples
	5s	4 years	25M
	2Hz	140 days	25M

RBR*solo³* D|fast16

Sampling rate:	24hr to 1s, and 2Hz, 4, 8, and 16Hz		
Autonomy:	Rate	Duration	# samples
	16Hz	50 days	60M

RBR*solo³* D|fast32

Sampling rate:	24hr to 1s, and 2Hz, 4, 8, 16, and 32Hz		
Autonomy:	Rate	Duration	# samples
	32Hz	50 days	60M

|tide16

Sampling rate:	24hr to 1s, and 2, 4, 8, or 16Hz

|wave16

Sampling rate:	24hr to 1s, and 2, 4, 8, or 16Hz

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