

SMALL TEMPERATURE RECORDER

30M READINGS
ON A SINGLE AA
BATTERY



The RBRsolo³ T is one of RBR's most compact, lightweight, and versatile single channel recorders. The logger offers flexible measurement schedules, standard sampling up to 2Hz (optionally up to 32Hz), large memory, extra power for extended deployments, USB-C download for large data files, and temperature accuracy of $\pm 0.002^{\circ}\text{C}$.

FEATURES



The RBRsolo³ T is available in the following configurations:

- ▶ RBRsolo³ T up to 2Hz continuous sampling
- ▶ RBRsolo³ T|fast16 up to 16Hz continuous sampling
- ▶ RBRsolo³ T|fast32 up to 32Hz continuous sampling

The RBRsolo³ T makes it easy to configure the optimum sampling regime for your measurements whether it is moored, towed, or profiling. The large data storage capacity and fast download ability facilitate long deployments with higher sampling rates. A dedicated desiccant holder makes it simple to replace desiccant before each deployment.

The RBRsolo³ T is one of the most flexible single channel recorders available from RBR and like all RBR instruments, the calibration coefficients are stored with the logger. Dataset export to Matlab, Excel, OceanDataView®, or text files makes post processing with your own algorithms effortless.

SMALL TEMPERATURE RECORDER

COMPACT, ACCURATE, DEPENDABLE



Compact and lightweight



Any AA battery



30M measurements



Up to 32Hz sampling



USB-C download



Cabled RBRcoda³ variant available



Specifications

Physical

Power:	Any AA cell
Communication:	USB-C
Clock drift:	±60 seconds/year
Diameter:	25.4mm
Length:	240mm
Weight (air):	126g
Weight (water):	20g
Depth Rating:	1700m

Temperature

Range:	-5°C to 35°C (optionally 50°C)
Accuracy:	±0.002°C
Resolution:	<0.00005°C
Time constant:	<1s
Typical stability:	0.002°C/year

Sampling rates and Autonomy

RBRsolo³ T

Sampling rate:	24hr to 1s, and 2Hz		
Autonomy:	Rate	Duration	# samples
	5s	6 years	40M
	2Hz	150 days	25M

RBRsolo³ T|fast16

Sampling rate:	24hr to 1s, and 2Hz, 4, 8, and 16Hz		
Autonomy:	Rate	Duration	# samples
	16Hz	100 days	130M

RBRsolo³ T|fast32

Sampling rate:	24hr to 1s, and 2Hz, 4, 8, 16, 24, and 32Hz		
Autonomy:	Rate	Duration	# samples
	32Hz	50 days	130M

Realtime variant

Cabled realtime variant available as the RBRcoda³.

Deep variant

Explore up to 10km deep with the RBRsolo³ T|deep. Details available on the RBRsolo³ and RBRduet³|deep datasheet.

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