

**minilogger - temperature & pressure (depth) logger
originated by Jason Clermont (SEA) on Dec 17, 2013**

From: Jason Clermont (SEA) on Tue, 17 Dec 2013

Hi all - we are looking to replace some non-working VEMCO miniloggers and noted the new VEMCOs no longer record pressure (only temperature). There seems to be a lack of temperature *and* pressure loggers on the market and I was curious if anyone else uses such devices and where you may source them. I've found a couple "tag-like" devices that record temp & pressure made for fisheries analysis, but we're really hoping for something with at battery life over 1-2 years (preferably with a user-replacable battery). Alpha Mach's "wee node" is the nearest solution I've been able to find so far (<http://www.alphamach.com/temperature-depth/weenode/>). Thanks for any info / insight.

-Jason

Jason Clermont
Technical Science Coordinator
Sea Education Association

Reply From: Cedric Guigand (RSMAS) on Tue, 17 Dec 2013

I would try to contact StarOddi

<http://www.star-oddi.com/>

these are pretty nice

Cedric

Cedric Guigand
Sr. Research Associate II
RSMAS, University of Miami

Reply From: Andrew Woogen on Tue, 17 Dec 2013 13:07:57 -0400

Hello Jason,

--> I've had good luck using 'Wildlife Computers' products. They make mini TDR recorders with long energy endurance (multi-year) that may fit your application needs. Specifically, these devices are designed for tracking wildlife (ex. marine mammals) however, I have found them to be very useful for autonomous vehicle

deployments. I've used their devices outfitted with ARGOS transmission capabilities as an emergency locator beacon for tracking potentially lost AUV vehicles that I've deployed.

I have found their systems/software to be user friendly, highly configurable to fit my mission objectives and physically reliable/durable. It may be worth your time checking them out or dropping their sales team an email explaining what you're needs are. They have been known to also provide customer specific configurations.

<http://www.wildlifecomputers.com/tdr.aspx>

--> Sea-Bird Electronics (relatively recently) put out a mini data logger in their product line (about the size of a long sharpie pen) that they have been "proud" of.

Good luck.

Best Regards,
Andrew Woogen

Reply From "M. Grant Susner" (UC Davis) on Tue, 17 Dec 2013

we have had success with [reefnet sensus ultras](#), but their MOD is only 500 ft.

cheers,

grant

Reply From: George Tupper (WHOI) on Tue, 17 Dec 2013

We've had very good luck with Onset Computer data loggers.

<http://www.onsetcomp.com>

George Tupper