

# Four-Channel Hydrophone Array



The system consists of four small hydrophone elements integrated on a Seaglider along with a four channel recorder in a pressure housing.

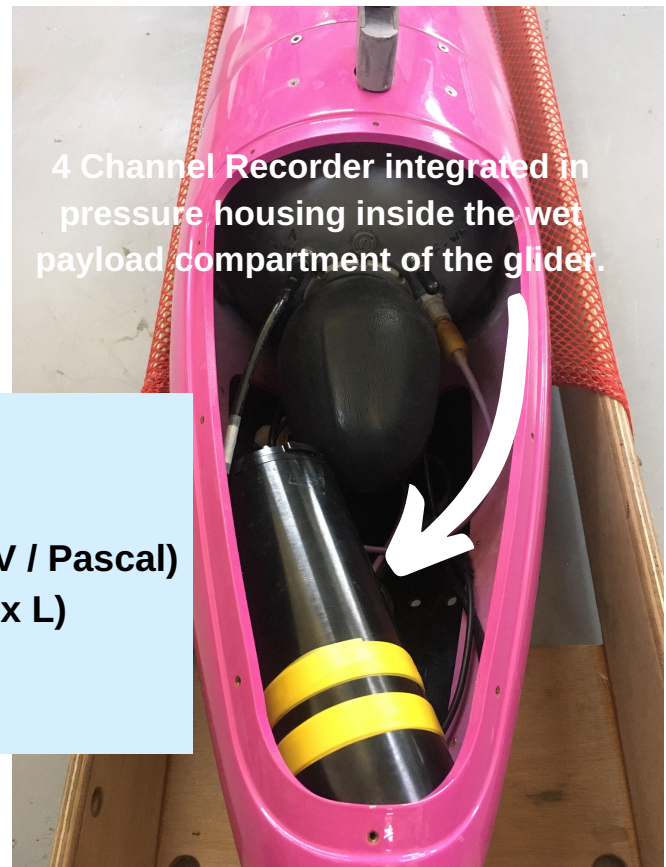
Two of the hydrophone elements are integrated on the wings, one on the nose and one next to the antenna. The pressure housing fits inside the wet payload compartment of the glider.

The system is currently capable of recording 128GB of acoustic data. Expansion to a few terabytes soon.

## Key Specifications

- ✓ Linear Range: 1Hz to 100kHz  $\pm$  2 dB
- ✓ Receiving Sensitivity: -208dBV re 1  $\mu$ Pa (40 $\mu$ V / Pascal)
- ✓ Hydrophone Element Size: 12mm x 40mm (D x L)
- ✓ System Max Depth: 300m
- ✓ Overall Power: 2W

4 Channel Recorder integrated in pressure housing inside the wet payload compartment of the glider.



For more information, contact us at  
[info@cyprus-subsea.com](mailto:info@cyprus-subsea.com)