



KraitArray

**Low profile
acoustic arrays**



A product family of low profile miniaturised acoustic arrays suitable for low speed towed or static applications.

SEA has leveraged their comprehensive knowledge and experience of larger diameter arrays to develop a highly adaptable acoustic product.

KraitArray provides impressive performance with reduced power consumption, weight, drag, and cost in comparison to traditional line and towed arrays. These benefits mean KraitArray can be adapted and used for more platforms and applications than ever before.

- Manned & unmanned vessels
- Harbour surveillance and protection
- Suspended/vertical array
- Marine mammal monitoring
- Torpedo defence systems
- Anti-Submarine Warfare
- Environmental monitoring
- Vessel noise characterisation
- Conditions monitoring
- Participation in Umanned Warrior 2016





FEATURES

- Acoustic or Digital interface
- Up to 32 acoustic channels
- Up to 8 non-acoustic channels
- Up to 100m module length
- Bend Radius 75mm
- Operating Depth 300m

KraitArray brings the superior acoustic performance capability of line and towed arrays to a range of applications not previously possible.

BENEFITS

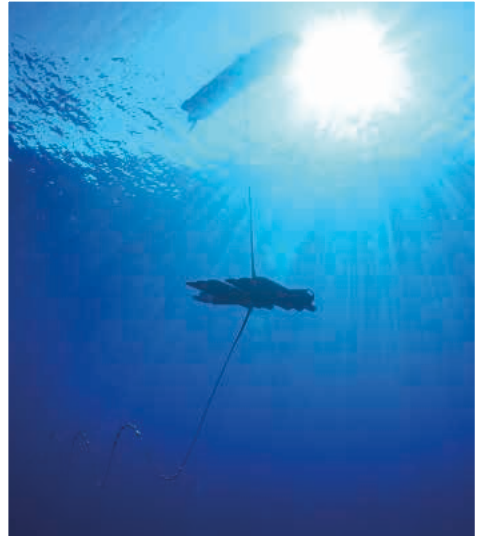
- Reduced cost
- Plug and play integration
- COTS though-life savings
- Continual hardware and software development by SEA

KraitArray is fully configurable to requirements providing a reliable, flexible solution that is easily integrated into the customer's combat system.

SEA has provided KraitArray units to Liquid Robotics®, a US company based in California with a vision of building the Digital Ocean to enable economic growth, increased security, and sustainability. Liquid Robotics and SEA have built up thousands of deployment hours, configuring the joint technology to provide a solution to these challenges.

“At product launch, SEA’s KraitArray represented the first truly productized thin-line towed array appropriate for use by unmanned maritime systems. The introduction of this capability has been a game-changer, and we at Liquid Robotics have been enthusiastic customers since 2014.”

Andy Burcham, Director



The Wave Glider®, designed and manufactured by Liquid Robotics on trials with the KraitArray

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