



Real-time Acoustic Passive In-situ Dolphin tracking Array (RAPID-Array)



This system can detect the presence of dolphins, find out the direction and track dolphins by receiving their sound waves. 4 hydrophones array are designed to determine the arrival direction of dolphin's sound using correlation processing.

SPECIFICATION	
Hydrophone Array	4 Hydrophones (2 sets of horizontal arrays)
Span of Array	100mm(horizontal)
Receiving Frequency Range	10kHz~200kHz
Battery Type	Lithium Battery
Maximum Detectable Range	100m
Outline Dimensions	
Hydrophone Array	φ 160mm × L305mm
Electronic Device	H100mm × W300 × L275mm
Weight in Air	2.8kg(Array) 4.1kg(Electronic Device)