



Simple. Accurate. Reliable.

The icListen Smart Hydrophones are the industry's standard in digital marine acoustics. This compact, all-in-one instrument processes data while streaming HD acoustic data in real-time.

Use icListen as a digital hydrophone, acoustic recorder, or both simultaneously. Collect ocean sound data accurately, easily and with confidence. Improve decision making and project success.

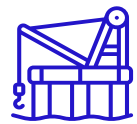
Giving Our Oceans a Voice

The icListen Difference	Benefits
1. Edge Processing (processing data at source)	<ul style="list-style-type: none">• Manage flood of data• Ready for AI and Machine Learning
2. Event Detection	<ul style="list-style-type: none">• More options for data links• Event capture• Make decisions in real-time
3. Self-Synchronize	<ul style="list-style-type: none">• Create arrays of any shape or size while maintaining highest signal quality
4. Ultra Low Self Noise Wide Dynamic Range	<ul style="list-style-type: none">• Maximize sensitivity while eliminating clipping



OceanSonics.com

Trusted by Users in:



Marine
Construction



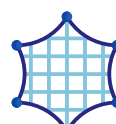
Offshore
Energy



Maritime
Security



Ocean
Science



Fisheries &
Aquaculture

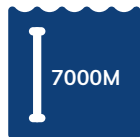
Solutions:



Pipeline
Leak-Detection



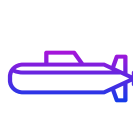
Geophysics



Deep Water
Deployments



Mammal
Monitoring



AUV/ASV
Solutions



Ecosystem
Monitoring



Ocean
Observatories



Noise
Mitigation



110 Parkway Dr. | Truro Heights, Nova Scotia | Canada | B6L 1N8 | 1 902 655 3000

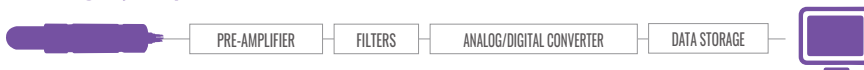
The Complete Ocean Listening Package

Standard in Digital Marine Acoustics



The icListen eliminates the need for pre-amp, filters, converters and data-link with a self-contained, compact unit that streams or records HD acoustic data in real-time.

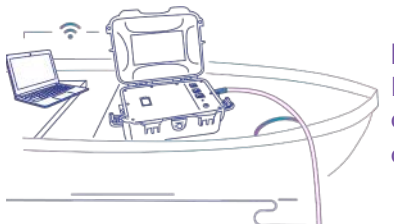
Analog Hydrophone



Smart Hydrophone



We have a wide variety of deployment packages for nearly every real-time ocean listening solution:



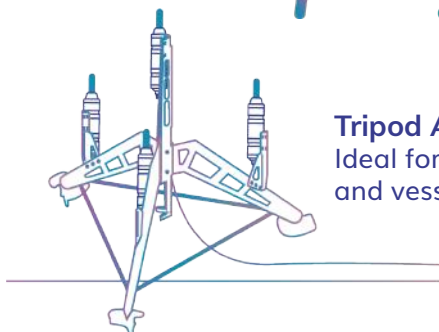
Launch Box with Hydrophone:

Easy to measure real-time SEL and SPL for pile driving monitoring and marine mammal research.

Acoustic Buoy:

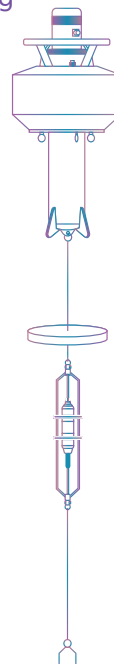
(with wifi or radio)

Drifting or moored for sound scape measurements, pile driving, acoustic ranges, and marine mammal monitoring



Tripod Array or Mini-Observatory:

Ideal for DCLT of marine mammals and vessels



Frequency:

10 Hz to 200 kHz

Sensitivity:

Standard: -178 dBV re μ Pa

High Intensity: -210 dBV re μ Pa

Sample Rate:

1 to 512 kS/sec

Dynamic Range:

120 dB

Resolution:

24 bit

Power:

24/12 Volts

2W

Communication:

Ethernet

Depth Rating:

Engineered Plastic: 200m, 900m

Titanium: 4000m, 6000m, 7000m

Synchronization:

Accuracy 250 nsec

GPS PPS

Acquire Modes:

Record: Waveform/FFT/Event Capture

Maximum Internal Data Storage:

512 GB

Internal Rechargeable Batteries:

8Hrs

Lucy Software:

View Real-Time Data

Set Up Events

Measure SEL & SPL



110 Parkway Dr. | Truro Heights, Nova Scotia | Canada | B6L 1N8 | 1 902 655 3000