

seinevue

monitoring system

Smart Technology for the Purse Seine Fishery



Full Omni-Directional
Capabilities

eSONAR



seinevue

monitoring system

Smart Technology for the Purse Seine Fishery

the eSonar

ADVANTAGES

- Modular design
- Serviceability
- Extended battery life
- Efficient charging
- Uniform sensor shape
- Wireless programming
- Multifunction capability
- Omni-directional hydrophone
- Hull or over-the-side mount
- Comprehensive warranty
- Competitive pricing

eSonar's wireless acoustic seine monitoring system is designed to optimize purse seine efficiency.

The eSonar system uses omni-directional sensors mounted on the foot of the purse seine. Up to four sensors can be mounted, each in separate locations. The sensors transmit depth and temperature information that is received by the vessel mounted hydrophone. Temperature and depth information is transmitted every three seconds and graphically presented together with rate of descent for each sensor. This allows for quick and easy interpretation of the data, supporting timely pursing of the net to optimize catch.

For a full description of the eSonar system, please visit our website: **e-sonar.ca**



Benefits of fishing with the eSonar Seinevue System

Benefits

- Omni-directional sensor providing Depth and Temperature information
- Frequency: Nominal 28 kHz, omni-directional
- Telemetry range: 1000 meters
- Update settings: every 3, 5 or 7 seconds
- Standard depth range: 200 meters
- Max. depth rating: 1000 meters
- Depth Accuracy: +/- 1% Full Scale
- Temperature Range: -5.0 to 30.0 degrees Celsius
- Temperature Accuracy: +/- 0.1 degrees Celsius
- Battery Life: Up to 10 days





specializes in underwater acoustic product development, including echo-sounder systems, acoustic data telemetry, transducer design, digital signal processing, firmware, electronics design, mechanical design and manufacture. The company's extensive IP library enables the support of fishing industry and marine research applications. Our professional engineering and PhD level staff guide the development of solutions for fish harvesters and researchers in pelagic and bottom trawling applications, aquaculture and other marine sectors.

Research and Development

eSonar's business model includes a commitment to ongoing research and development to advance the company's capabilities leading to new products and technical developments. We employ a highly qualified development team that is working to successfully launch new and innovative products in a wider range of marine industry sectors, including AUV situational awareness and marine mammal monitoring.

For a quotation please contact:

Denise Sparkes +1 709 697 2326

Cory Parsons +1 709 764 4345

sales@e-sonar.ca



21 Mews Place, St John's
NL Canada A1B 4N2

Telephone: +1 709 726 0338

Facsimile: +1 709 726 0348

sales@e-sonar.ca

e-sonar.ca