

trawlvue

monitoring system

Smart Technology for Trawl Fishing and Fisheries Science



OUR LATEST INNOVATION

eSonar's new
multifunction sensors



eSONAR



trawlvue

monitoring system

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the eSonar

ADVANTAGES

- Modular design
- Serviceability
- Extended battery life
- Efficient charging
- Uniform sensor shape
- Wireless programming
- Multifunction capability
- Towed hydrophone for system portability
- Comprehensive warranty
- Competitive pricing

For a full description of the eSonar system, please visit our website:

e-sonar.ca

eSonar's wireless acoustic trawl monitoring system is designed for a wide range of customers operating in harsh marine environments.

The eSonar system is designed for commercial fishing fleets and scientific research groups worldwide. The system's modular design offers configuration flexibility and performance at an affordable price. The modular design enables full serviceability by qualified technicians, optimizing service life and maintaining calibration over an extended product lifetime.

eSonar sensors are designed for extreme marine environments and provide optimal functionality by implementing high reliability acoustic data telemetry technology. Sensor functionality is programmable using ZigBee wireless communication through the sealed pressure housing that can configure operation at unique frequencies and update rates to suit individual, unique requirements.





Benefits of fishing with the eSonar Trawlvue® Monitoring System

Benefits

- Optimize towing for reduced fuel consumption
- Catch monitoring to reduce tow duration
- Know doors are set properly
- Know trawl depth and/or bottom contact
- Monitor exclusion grid angle
- Verify net is properly set
- Enhance tow productivity
- Boost product quality

Multifunction Sensors

- Door Spread with Pitch and Roll
- Headline Height with Depth
- Add Temperature and Depth to any Sensor

PRODUCTS

- Door Spread Sensors
- Wing Spread Sensors
- Headline Height Sensor
- Depth Sensor
- Catch Sensor
- Grid Angle Sensor
- Bottom Contact Sensor
- Hydrophones, Hull-Mounted & Towed
- Digital Receiver
- Smart Charger (2-hour charge time)





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:

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