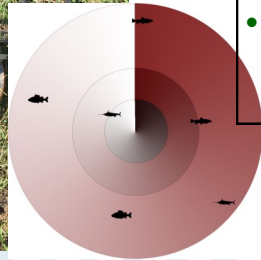




Product Announcement: miniSURT-Li

The miniSURT, miniature Submersible Ultrasonic Receiver/Transmitter provides new features to aid in passive tracking of ultrasonic tagged animals.



Applications Include:

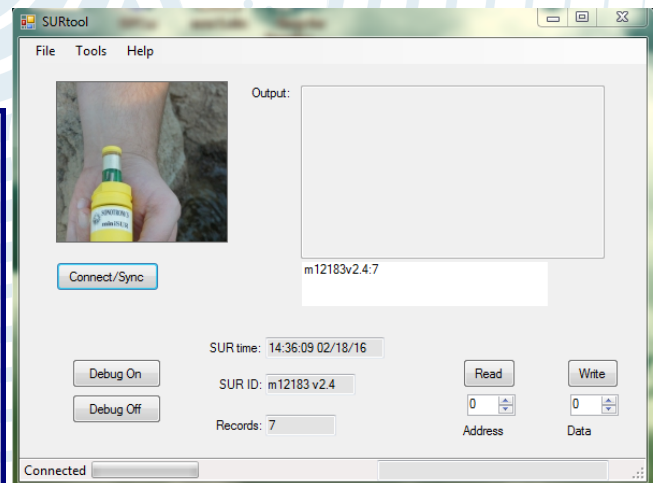
- *Site fidelity studies*
- *Spawning area detections*
- *Animal attachment for social experiments*
- *Simple positioning with range scanning*
- *Gates for Active tracking boundaries*

miniSURT Features

- **BlueTooth Low Energy interface for download, configuration AND re-programmable!**
- **Scanable Frequency Ranges**
- **ACT and Rcode and OPx decoding**
- **Simple deployment methods**
- **12 weeks with rechargeable 18650 battery**

New Features

- **Range Scanning:** Variable gain allows assessment of distances between tagged animals and submerged receiver.
- **Integrated Temperature Sensor**
- **Integrated Transmitter to provide status information prior to retrieval.**



Compatible with SURtool, SURsoft and SURsoftDPC data analysis tools for SONOTRONICS logging receivers.

Updated: 08/04/2025



"...working together to make a difference in the world we share."

SUR-22 and SUR-22-BLE Submersible Ultrasonic Receiver



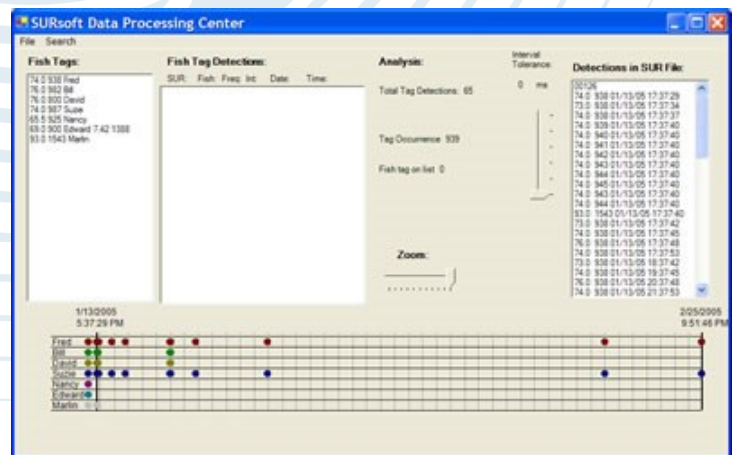
The SUR is a submersible ultrasonic receiver designed to scan multiple frequencies to detect and log to flash memory the presence and telemetry of an animal tagged with Sonotronics ultrasonic transmitters. The positive buoyancy of the SUR allows for deployments using only a single mushroom anchor in low current areas, and rugged enough to withstand depths in excess of 200m. The SUR- is a stand-alone device consisting of a battery system, micro-processor, flash memory, real time clock, hydrophone, ultrasonic receiver, and Bluetooth Low Energy connectivity for wireless, high-speed downloads and configuration.



Specifications

Weight: 950g, Positively Buoyant (w 2xBatteries)
Sensitivity: >35dB (S+N)/N with 10uV input
Frequencies: 33kHz—69kHz
Length: 37cm from transducer to end cap
Diameter: 60mm
Memory: > 200000 detections
Lifetime: 12-13 months (2 batteries)
Battery: Tadiran TL5930
Depth Rating: 200m rated

The SUR includes Windows based software for data analysis and reporting, allowing post processing of information gathered from transmitters on up to 15 different frequencies, including depth and temperature telemetry.



Updated: 08/04/2025