

# Marine Electric Field Sensor System



ISL's innovative electric field sensor system provides an effective means for short range underwater surveillance in shallow water. The system combines proven underwater electrode technology, low-noise amplifiers, and a data acquisition system. The system is not affected by acoustic noise sources.

## USES

- Underwater marine surveillance
- Harbor defense
- False alarm reduction
- Signature monitoring
- Sensor calibration
- Environmental noise monitoring

## FEATURES

Size - 14" x 14" x 20"

Weight - 25 lbs.

Electrode separation - customizable from 20cm to 2m +

Transducer - Ag/AgCl electrodes

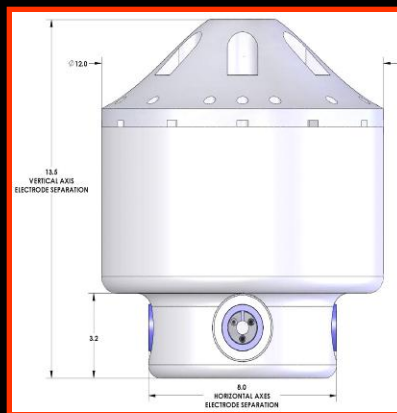
Power Requirements - 3.5 W

Data Storage - 3-axis E-field measurements @ 25 Hz and compass (onboard accelerometers are optional)

Persistence - 180 hrs. with 14 D cell internal batteries (external battery pack can extend lifetime)

Performance - 6nV/m/rHz @ 1 Hz for 1m arms

Wired or wireless data ex-filtration (Bluetooth)



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