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)