



TrackLink 1500LC

A Low Cost Yet Highly Robust USBL Acoustic Tracking and Communication System From LinkQuest Inc.

Now Seamlessly Integrated with SeaBotix's LBV ROV

Main Features

- Sharply reduced cost to end users and improved tracking accuracy when compared against competitor's products.
- Utilize **LinkQuest's** benchmark **Acoustic Broadband Spread Spectrum Technology**.
- Superior rejection to multipaths and ship noise.
- Integrated with LinkQuest's most advanced high speed acoustic communication modems.
- Advanced power-efficient DSP technology for transponders and USBL transceiver.
- PC Windows tracking software. Interface directly to the transceiver. No need for a heavy proprietary deck unit.
- Small, light weight transceiver allows easier installation from a ship.



Specifications

- Positioning Accuracy: 3.0 degrees
- Slant Range Accuracy: 0.20 meters
- Targets Tracked: 6
- Operating Frequency: 31.0 to 43.2 KHz
- Operating Beam width: 120 to 150 degrees
- Transmit mode power consumption: 4 to 16 Watts
- Receive mode power consumption: 1 Watt
- RS-232 Configuration: 1 start bit, 1 stop bit, no parity bit, and no flow control
- Working range with ship noise: up to 1500 m with selected transponders
- Maximum depth: up to 1500 m
- Dimension: 26 cm x 12.5 cm (diameter)
- Operating temperature: -2 to 45°C
- Storage temperature: -5 to 75°C
- Weight out of water: 6 kg
- Weight in water: 3.2 kg
- Optional High Speed Acoustic Modem Data Rate: up to 9600 baud

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