

Highly Accurate LF LBL System

Broadband Acoustic Spread Spectrum Technology

Main Features

Improved Accuracy and reduced cost

Broadband Acoustic Spread Spectrum Technology

State of the art DSP technology

Broadband transducer technology

Sophisticated self-calibration function

Power efficient transponder

Integrated acoustic communication capability

System Specifications

0.3 to 2.0 meters
Up to 10000 meters without acoustic modern function Up to 7000 meters with acoustic modern function
2000, 4000 or 7000 meters
Omni-directional (210 degrees)
7.5 to 12.5 kHz
15 cm x 54 cm
50 watts
18V 28V
-5 to 45°C
-25 to 75 °C
6.4 kg

Intelligent Transponder Specification

Transponder beamwidth:	Omni-directional (210 degrees)
Operating Frequency:	7.5 to 12.5 kHz
Depth Rating:	2000, 4000 or 7000 meters
Transmit power:	200 watts
Receive power:	0.8 watt
Sleep Mode Power Consumption:	8 mwatts
Continuous Responding Time:	7 x 20 hours
Operational Time:	2 years
Dimension:	15 cm x 86 cm
Weight in water:	13 kg
Configurable Address:	32
RS-232 Configuration:	9600 Baud, 1 start bit, 1 stop bit, no parity bit, and no flow control
Optional:	High Speed Communication
Optional:	Self-calibration function

