



Teledyne SeaBotix

LBV300-5 & LBC

Little Benthic Vehicles

Highly Versatile MiniROV Systems

LBV300-5 MiniROV Systems

The SeaBotix LBV300-5 is one of the most accomplished, versatile, and proven MiniROV systems on the market today. Compact and incredibly stable, the LBV300-5 supports a wide range of application possibilities.

Powerful brushless DC thrusters offer increased vertical lift and current handling capabilities, allowing for an extensive selection of sensor packages. Standard features include high resolution color camera, LED lighting, Integrated Control Console (ICC), and 4-axis maneuverability including dual vertical and 4 lateral thrusters. For operations using multiple sensors, upgrading the ICC to an Integrated Navigation/Control Console (INCC) is recommended.

Combined with SeaBotix' industry leading low drag tether, the LBV300-5 offers an outstanding inshore and offshore capable solution.

All systems are offered with a 2-year limited manufacturer's warranty. 24-hour technical support and service by factory staff and authorized service centers across the globe are standard.

Optional USBL Tracking System

Optional Scanning Sonar



Optional Multi-Beam Imaging Sonar System

LBC Crawler Systems

Unmatched in versatility, the SeaBotix LBC is a revolutionary approach to ship hull and infrastructure inspections for a wide range of military and commercial applications. With no magnets or thrusters (churning the water, impeding visibility), SeaBotix Crawlers employ the patented Vortex Generator to attach to any relatively flat, hard surface with 22+ kgf (48+ lbf) of attraction force. With no relative motion between the inspection surface and the sensors, output data is the highest quality possible and operator fatigue is greatly reduced.

The patented Wheeled Crawler Skid is attached to a standard LBV300-5 MiniROV in minutes, converting it from a 4-axis ROV to a 5-axis hull and infrastructure crawler.

No other system provides such a complete solution for quality underwater inspection and light work.



PRODUCT FEATURES

LBV300-5 MINIROV

- High Resolution Color Camera
- 300 Meter (1,000 ft) Depth Rating
- Tether Length - 250 to 350 m (820 - 1148 ft)
- Flexible Sensor Platform
- 5 Powerful Brushless DC Thrusters
- High Intensity LED Tracking Camera
- 4-Axis Maneuverability
- Low Drag Tether - 8.9 mm (0.35 in)
- Extensive Range of Options

LBC MINIROV

- Simple hull/infrastructure attach mode via patented Vortex Generator
- Operates in currents over 5-knots in attach mode
- Four wheel drive
- ROV & Crawler in one system

LBC



TELEDYNE SEABOTIX
Everywhereyoulook™

A Teledyne Marine Systems Company