

SEABOTIX LBV 200L

SeaView has taken the intuitive and highly capable SeaBotix LBV200L remotely operated vehicle and advanced it a step further. By building the LBV into our own high endurance shock resistant shipping case along with a range of peripheral equipment, we offer our customers a full, highly portable and cost effective ROV inspection system.

Depth rating: 640ft /200m

Umbilical: 820ft/250m fiber optic video

Sonar: Imagenex 851 imaging

Lighting: High Intensity LED

Parallel scaling lasers

Single function grabber

Oil compensated, brushless

DC thrusters:

- 2 Forward
- 1 Lateral
- 1 Vertical

Full remote area spares kit

Other options:

- USBL tracking system
- External lighting
- Cygnus UT probe



High-quality video and sensor data

The fiber optic video system provides crystal-clear images from the standard high resolution color and low-light B/W cameras. Both cameras have a total 270° field of view through 180° rotation of the camera enclosure. The internal, fully adjustable LED lighting array provides brilliant, white light as it tracks the color camera. Systems includes an additional RS232 channel for options such as sonar for harsh environment operations. The programmable video overlay displays heading, depth, temperature, thruster gain settings, auto settings, cable turns, and time/date.

Features of the inspection system

- All items shipped in shockproof plastic shipping cases
- Electronics housed in shock mounted 8U plastic shipping case
- Industrial PC for sonar, video overlay and record keeping
- High resolution nNovia Digital Video Recorder c/w spare media pack
- 15" Dell rack mount VGA monitor and keyboard/trackball
- 15" Samsung NTSC video monitor
- Video overlay unit for displaying penetration distance and other annotation on video
- 2 channel audio intercom system for communications with line handler and audio commentary.
- 2 Headsets for ROV pilot station and backpack with headset for remote station
- 115Vac or 220/240Vac operation