

Mobile acoustic underwater vision system

BV-3000

Benefits :

- Find underwater assets, hazards and threats
- Crisp, streaming imagery even in black water
- Increase security, safety and efficiency
- Mounts on any patrol vessel
- Easy installation and use
- Range up to 450 ft

Applications:

- Harbor Bottom Inspection
- Berth IED Detection
- Diver Tracking and Interdiction
- Search and Recovery
- Diver and ROV Vectoring



Deployed aboard a patrol boat, BlueView's BV-3000 is an effective means of diver detection and harbor bottom inspection. It is also ideal for dive team situational awareness, diver vectoring and SAR operations.

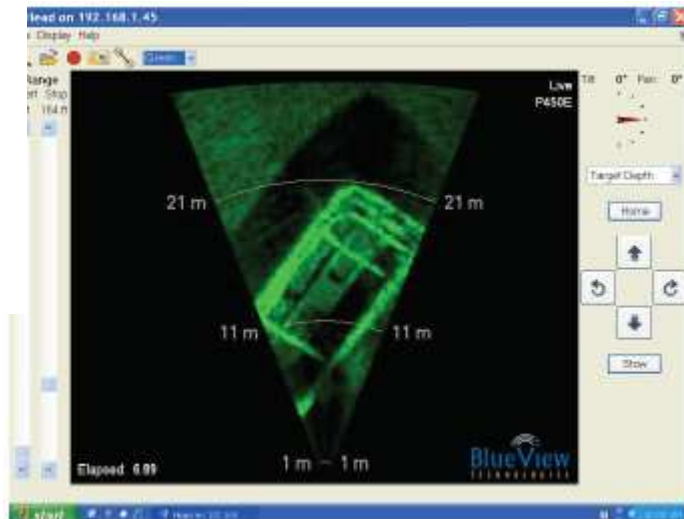
The BV-3000 uses BlueView's miniature multibeam imaging sonar mounted to a digital pan and tilt system to deliver clear, streaming imagery during wide area searches. This real-time imagery is produced whether moving or stationary, even in zero visibility water conditions. Furthermore, the robust yet simple to use software makes the BV-3000 easy to operate for all users.

There are more BlueView sonars currently in operation in US ports than any other multibeam imaging sonar.

Specifications	
BlueView P450 imaging sonar	
Frequency:	450 kHz
Range:	5 to 450 ft
Update Rate	Up to 10 Hz
Field of View	45°Hor. x 15°Vert
BlueView control box	
Touchscreen Display	Resistive / 1300 NITS
Processor	1.4 GHz Pentium M
Memory	1 GB DRAM
Storage Space	80 GBytes
Ports	2xUSB, RS485
Digital pan & tilt	
Rotation	360° Pan x 180° Tilt
Position resolution	1°
Pole mount	
Pole Length (Extended)	77.5 in
Pole Length (Collapsed)	47.5 in
Cable Length	50 ft
Standard training	
2 Day On-Site Training	
Accessories	
Quick Release Boat Mount Clamp	
Tools and Spare Parts Kit	
700 Watt DC - AC Inverter	
Options	
Cable extensions	

Control both sonar + pan & tilt from one location.

Use the sonar to quickly locate objects on the bottom and in the water column. BlueView sonar delivers clear, streaming imagery, even in zero visibility conditions. In this sonar image, a small vessel is discovered on the harbor bottom.



Pole Mount with P450 Sonar + Pan & Tilt

This system quickly breaks down and stores into a compact travel case.



BV-3000 Control Box

The touch screen display and processor are housed in one compact control box. The system is both quick to setup and easy to operate.



Quick Release Boat Mount Clamp

The BV-3000 mounts to any patrol vessel. The pole mount is 1 man deployable and quickly locks in place.