

# BV3100

THE MOST COMPACT  
AND VERSATILE MOBILE  
UNDERWATER VISION®  
SYSTEM IN THE WORLD.

Deployed from a patrol boat, BlueView's BV3100 is ideal for search and recovery operations, dive team situational awareness, and diver vectoring. It is also an effective means of harbor bottom inspection as well as diver and underwater IED detection.

The BV Boat Mount system uses BlueView's miniature forward looking sonar mounted to a digital pan and tilt system to deliver clear, streaming imagery during both confined and wide area searches. This real-time imagery is produced whether moving or stationary, even in zero visibility water conditions. The Boat Mount System can be used alone or as a complement to side scan sonar by allowing the user to reacquire and guide divers to targets found in side scan imagery.

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

**BlueView**  
TECHNOLOGIES



OPERATIONS

Search and Recovery

Diver & ROV Tracking

Harbor Bottom Inspection

Berth & Hull IED Detection

Debris Removal

Infrastructure Inspection

## Mobile Acoustic Underwater Vision® System

- SONAR IMAGE ROTATES TO REFLECT TARGET'S TRUE POSITION  
RELATIVE TO VESSEL HEADING
- 360° SEARCH ANGLE WHILE UNDERWAY
- POWERFUL COMBINATION OF SONAR + P&T
- GEOREFERENCING
- OPERATES AT SPEEDS UP TO 5 KNOTS
- 1 MAN OPERABLE
- RANGE UP TO 450 FT

BlueView  
BV3100



- FIND UNDERWATER ASSETS & THREATS
- INCREASE SECURITY, SAFETY AND EFFICIENCY
- MOUNTS ON ANY PATROL VESSEL
- EASY INSTALLATION AND USE

SEE WHAT YOU'VE BEEN MISSING



## BV Mobile Acoustic Underwater Vision® System



### POLE MOUNT WITH P450 SONAR + PAN & TILT

An extremely durable system that works at speeds up to 5 knots.



### RAPID DEPLOYMENT

The entire BV system comes in one rugged carrying case and is designed for quick assembly.

### 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.



### QUICK RELEASE BOAT MOUNT CLAMP

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

**BV3100-450** (P450-45 SONAR)  
Frequency 450 kHz  
Range 5 to 450 ft  
Field of View 45° Hor. x 15° Vert

**BV3100-900** (P900-45 SONAR)  
Frequency 900 kHz  
Range 5 to 180 ft  
Field of View 45° Hor. x 20° Vert

**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  
Power Supply 120 VAC @ 100 watts (max)

WORKS UP TO 5 KNOTS

**ACCESSORIES**  
Quick Release Boat Mount Clamp  
Tools and Spare Parts Kit

**RECOMMENDED LAPTOP SPECIFICATIONS**  
Processor 1.4 GHz Pentium M  
Memory 1 GB DRAM  
Ports 2xUSB, Ethernet  
Sunlight Readable Screen

**OPTIONS**  
2 Day On-Site Training  
12 Volt DC Power Supply