

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.

Specifications

Product	BV3100
Country of origin	USA
Manufacturer	Teledyne Marine

Applications & benefits

- Search & recovery
- Diver & ROV tracking
- Harbor bottom inspection
- Berth & hull IED detection
- Infrastructure inspection
- Range up to 137 m (450 ft.)
- Easy installation and use
- Mounts on any patrol vessel
- Increase security, safety & efficiency

Specifications

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	450 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

Recommended laptop specifications

Processor	1.4 GHz Pentium M
Processor	1 GB DRAM
Ports	2xUSB, Ethernet
Sunlight Readable Screen	

Options

2 Day On-Site Training

12 Volt DC Power Supply

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.

Rapid deployment

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

Pole mount with p450 sonar + pan & tilt

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