

# BV3100 boat mount

## Sonar Boat Mount with Pan & Tilt

Deployed from a patrol boat, Teledyne 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 BV3100 uses Teledyne BlueView's 2D 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 BV3100 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.



### Each BV3100 includes:

- Pan & Tilt
- Pole mount
- Quick release boat mount clamp
- Carrying case
- Quick start guide
- Accessory Kit - Retract-A-Bit Hex Driver; 7 ft. Cat 5 Ethernet Cable; 2 m USB Cable; 15A US Power Cord; RS485 to USB Driver on USB flash drive

### Recommended Laptop (not provided) Specifications

- Processor: 1.4 GHz Pentium M
- Memory: 1GB DRAM
- Ports: 2xUSB, Ethernet
- Sunlight readable screen

#### Pan & tilt

**Rotation (approx.)** 360° pan (-179° to +179°)

**Tilt** -70° to +63°

**Position Resolution** 1°

#### Pole Mount

**Pole Length (Extended)\*** 196cm (77.5 in.)

**Pole Length (Collapsed)\*** 121cm (47.5 in.)

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

\*all dimensions approximate

## PRODUCT FEATURES & BENEFITS

### Features:

- Powerful combination of sonar + pan & tilt
- 360° search angle while underway
- Operates at speeds up to 5 knots
- 1-person operable
- Tilt range sonar model dependent

### Benefits:

- Easy installation and use
- Mounts on any patrol vessel
- Increase security, safety & efficiency

### Options

- Cable: 50ft or 150ft cable
- Cable connector: Impulse MKS or Burton



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