

DP900-90

Deep Miniature Multibeam Imaging Sonar

The DP900-90 sonar system is a 4000m depth rated, 90 degree field-of-view version of BlueView's popular P900-45 sonar. This sonar was specifically designed for ROV navigation and monitoring operations in ultra-deep waters. With a wide voltage range and standard ethernet interface, ROV integration is straightforward. Due to its tight form factor, the sonar can be mounted with a ROV's main camera system to provide camera/sonar synchronization.



APPLICATIONS

- Low Vis ROV Operations
- Diver Work-Zone Visualization
- Equipment/Tool Alignment
- Hull Inspection

BENEFITS

- Low corrosion titanium housing
- Not affected by motion (0-7 Knots)
- Designed for integration
- Compact / low power

FEATURES

- 4000 m depth rating
- Easy-to-use Windows Software
- Standard Ethernet interface
- Both Impulse and SeaNet Connector Options

Specifications

900 KHZ HEAD

- Field of View: 90°x 20°
- Max Range: 180 ft
- Beam Width: 1°x 20°
- Number of Beams: 512
- Beam Spacing: 0.18°
- Range Resolution: 1 in
- Update Rate: Up to 10 Hz
- Frequency: 900 kHz

INTERFACE

- Comms: Ethernet
- Voltage: 12-48 VDC
- Power: 10 Watts

MECHANICAL

- Weight in Air: 16.1 lb
- Weight in Water: 9.2 lb
- Depth Rating: 4000 m
- Size: 13 in x 5.5 in OD
- Material: Titanium

CONNECTOR OPTIONS

- For Impulse MSSJ-7-FCR use DP900-90-MSSJ
- For Schilling Seanet use DP900-90-SN

DIAGRAM OF DP900-90

