



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 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 Navigation
- Pipe Tracking
- Gas Leak Detection
- Structure Inspection
- Site Survey
- Equipment Placement

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: 15 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 Seantet
 use DP900-90-SN

DIAGRAM OF DP900-90

