

Deep miniature multibeam imaging sonar

DP900-20

Benefits :

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

Applications:

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



Features:

- Standard Ethernet interface
- 4000 m depth rating
- Easy-to-use Windows Software
- Both impulse and SeaNet connector options

The DP900-20 sonar system is a 4000m depth rated 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 straight forward. Due to its tight form factor, the sonar can be mounted with a ROV's main camera system to provide camera/sonar synchronization and allow for maximum operational efficiency.

Specifications	
900 KHz HEAD	
Field of View:	45° x 20°
Max Range:	180 ft
Beam Width:	1° x 20°
Number of Beams:	256
Beam Spacing:	0.18°
Range Resolution:	1 in
Update Rate:	Up to 10 Hz
Frequency:	900 kHz
INTERFACE	
Coms:	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:	8.7 in x 5.5 in OD
Material :	Titanium
CONNECTOR OPTIONS	
For Imuplse MSSJ-7-FCR use DP900-20-MSSJ	
For Schilling Seanet use DP900-20-SN	

DIAGRAM OF DP900-20

