

Dual Frequency Miniature Multibeam Imaging System

The P900/2250 (Dual Frequency) sonar system combines the power of BlueView's medium range P900 navigation and inspection sonar with the identification capabilities of a higher frequency 2.25 MHz sonar head. The P900/2250 provides both the medium and ultra-short range imaging required to perform complex tasks in zero visibility conditions. The Dual Frequency series is completely compatible with other BlueView ProViewer sonar, making integration seamless for existing customers.



APPLICATIONS

Zero Vis ROV Operations
Diver Work-Zone Visualization
Equipment/Tool Alignment
Target Detection and ID
Hull Inspection

BENEFITS

Combined high and ultra-high resolution sonar heads
Not affected by motion (0-7 Knots)
Designed for integration
Compact / low power

FEATURES

Quickly switch between frequencies
Easy-to-use Windows Software
Standard Ethernet interface
Plug-and-play sonar heads

Specifications

| 900 KHZ HEAD | 2.25 MHZ HEAD | INTERFACE | MECHANICAL |
|--------------------------|--------------------------|--------------------|--------------------------|
| Field of View: 45°x 20° | Field of View: 45°x 20° | Coms: Ethernet | Weight in Air: 6.0 lb |
| Max Range: 195 ft | Max Range: 26 ft | Voltage: 12-48 VDC | Weight in Water: 1.5 lb |
| Beam Width: 1°x 20° | Beam Width: 1°x 20° | Power: 15 Watts | Depth Rating: 1000 ft |
| Number of Beams: 256 | Number of Beams: 256 | | Size: 8.3 in x 5.0 in OD |
| Beam Spacing: 0.18° | Beam Spacing: 0.18° | | |
| Range Resolution: 1 in | Range Resolution: 0.4 in | | |
| Update Rate: Up to 15 Hz | Update Rate: Up to 15 Hz | | |
| Frequency: 900 kHz | Frequency: 2.25 MHz | | |

DIAGRAM OF P900/2250

