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 **RELEASES**

Acoustic Releases

PSA-916 Low Cost Programmable Sonar Altimeter



The PSA-916 is a low cost, lightweight altimeter designed for diverse applications in the marine environment. It provides the user with high resolution altitude/range data while simultaneously outputting data through a digital serial port. A wide beam angle provides for reliable and accurate range measurements under the most severe operational conditions.

Features

- Compact size and weight allows for integration with the smallest ROVs or marine sensors
- Simultaneous analog and digital outputs provide altitude/range data
- Electronically isolated to eliminate any potential signal interference with host instrument sensors
- 6000 meter depth
- Low cost

Applications






- ROV/instruments altitude measurement
- Bridge scour studies
- Obstacle avoidance
- Sediment transfer studies
- Docking assistance for ships

Operating Frequency	200 kHz (Nominal)
Beam Width	14° conical typical
Pulse Length	250 ms standard
Repetition Rates	5 pps or external
Range	100 m full scale
Resolution	RS-232: 1 cm Analog: 2.5 cm Analog: 0-5 VDC Digital: RS-232
Range Output	Analog: 0-5 VDC Digital: RS-232
Operating Depth	6000 m
Power Required	7 to 24 VDC
Power Consumption	60 ma @ 15 VDC
Size	2.25 in. diameter X 9.75 in. long
Weight	
In Air	0.63 kg (1.4 lbs)
In Water	0.36 kg (0.8 lbs)

Related Equipment

Click on the links below for equipment designed to work with this product group

[UDB-9000 Universal Deck Box for topside control](#)

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