

Instrument specifications for the ASL WaveSonar.

UPWARD-LOOKING SONAR

Operating Frequency:	420 kHz
Transducer Beam Width:	1.8° conical (at 3 dB)
Sampling Rates:	1-255 sec
Range:	1-200 meters
Precision:	±0.05 meters

TILT SENSOR

Tilt range:	±20°
Tilt precision:	±0.5 (0.01)°

REAL-TIME CLOCK

Accuracy:	±12 min/year
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DATA-STORAGE

Capacity:	64 MB
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POWER

Battery:	Akaline battery packs for up to 9 months at 1Hz sampling
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INSTRUMENT

Size:	0.17m dia x 1.0m length
Shipping weight:	44 Kg