

AUTONOMOUS ALTIMETER ECHOLOGGER AA400



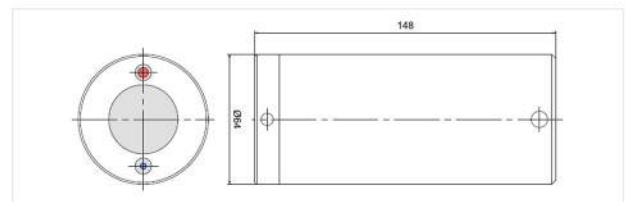
FEATURES

- Fully self-contained device
- No cables needed
- Long Life with 3 AA alkaline batteries
- Ideal for long-term monitoring
- High speed Bluetooth Communication
- User friendly GUI software provided
- Ultracompact and light (~150mm, ~450g)
- Various depth rates (100 ~ 3,000m)
- Very unique in the market



APPLICATIONS

- Sediment Move Monitoring
- Altitude Measurement
- Wave Height/ Tide Monitoring
- Bridge Scour Monitoring



SPECIFICATION

Acoustic Frequency	450 KHz
Beam Width	5° (-3dB) Conical Beam
Transmit Pulse Duration	10 µsec to 100 µsec in 10 µsec steps
Ranges	0.15 m to 50 m
Temperature Resolution	0.1°C
Temperature Accuracy	0.5°C (-10°C to +50°C)
Sample Rate	100 kHz
Repetition (Ping) Rate	Up to 10 Hz
Range Resolution	Up to 1 mm
Interface	Bluetooth v2.1
Digital Output Speed	115,200 baud (Virtual Wireless Serial Port)
Data Output Format	ASCII TXT, CVS
Data Storage Media	Non-volatile Flash(2MB)
Activation	Magnet switch
Operation Mode Indication	Single LED
Power Supply	3 AA-type Alkaline Batteries
Operation Lifetime	More than 2 Mpings (30 days@1pps, 3m range)
Operation Temperature	-10°C to +50°C
Maximum Operating Depth	100 m (3,000m optional)
Housing Material	PVC, Poly Carbonate, SUS
Dimensions	D64mm x L140mm
Weight	480g in air with batteries (30g in water)
