

AML-1 RT

The AML-1 series of instruments is a highly configurable sonde designed for a wide range of data collection applications. The '1' designation indicates that one X2change sensor may be installed on the instrument at any time.

Common configurations include:

- Sound Velocity (SV)
- Sound Velocity & Temperature (SVT)
- Turbidity (Tu)
- Pressure / Depth (P)
- Conductivity & Temperature (CT)

The AML-1 **RT** will continuously stream data in real-time while in-situ. These instruments rely on external power for operation, facilitated via a waterproof connector. The AML-1 RT is commonly used to measure sound velocity next to a Multibeam or Sonar Transducer array, or for use on a broad range of moored applications, buoys, underwater observatories, and underwater vehicles. The AML-1 is compatible with any of the X2change series of sensors.



Real-Time



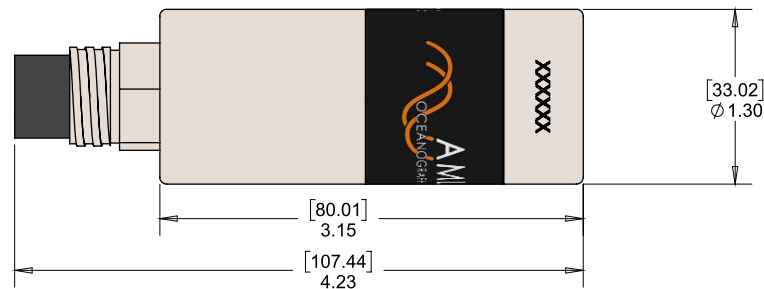
Depth Rating



Ports

Max. Depth	6000 m
Number of Ports	1
Communication	RS485 ¹ RS232
Input Voltage	8-26 VDC
Pressure Housing	Titanium
Dimensions	80 x 33 mm
Weight in Air	0.3 kg
Weight in Water	0.2 kg

AML-1 RT, No Sensors Installed²



Key Uses & Benefits:

- **Sound Velocity Beam Steering:** Measure sound velocity at MBES transducer, on a vessel hull, or on a subsea vehicle down to 6000 m
- **In-Situ Monitoring:** Simple and compact solution for in-situ measurements of environmental parameters
- **Real-time Data Streaming:** Collect and apply measurements in real-time
- **Increased Flexibility:** Custom configure a single instrument for multiple applications using AML's X2-Series of sensors

¹One way communication only.

²Dimensions in [mm] and Inches