

AML-6

The AML-6 series is a highly configurable family of multiparameter sondes designed for a wide range of data collection applications. The '6' designation refers to the number of X2·Series sensors that may be simultaneously installed on the instrument's endcap. Additional sensors may be connected externally, allowing up to eight sensors in total.

The **LGR** versions (ie. AML-6 LGR) are self-powered via a rechargeable internal battery and have a mechanical on/off switch on the bulkhead. The AML-6 LGR is most commonly used for vertical profiling of the water column with internal logging of sensor measurements and seamless data transfer via WiFi or USB on recovery.

A common LGR configuration includes:

 Sound Velocity, Pressure, Conductivity & Temperature, Chlorophyll A, Turbidity, & Dissolved Oxygen (SV, P, CT, ChlA, Tu, DO)*

The **RT** versions (ie. AML-6 RT) stream data while in-situ, although they also have the ability to internally record data. External power and communication to these instruments are facilitated via a bulkhead connector in lieu of a mechanical switch. The AML-6 RT is commonly used in buoys, moored applications, underwater observatories, and ROVs and AUVs.

A common RT configuration includes:

 Conductivity & Temperature, Pressure, Turbidity, pH, Chlorophyll A, & Dissolved Oxygen with UV protection (CT, P, TRB, pH, ChlA, DO w/UV)*



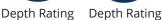














^{*}Reconfigurable at user convenience.



Max. Depth	500 m	6000 m
Number of Ports	6 (Option for up to 8)	6 (Option for up to 8)
Biofouling Protection	Street Lamp UV (Optional)	N/A
GPS	LGR: Yes RT: No	LGR: No RT: No
Communication	LGR: WiFi, USB-C RT: RS232 & USB-C	LGR: USB-C RT: RS-232, USB-C
Input Voltage	8-30 VDC	8-30 VDC
Pressure Housing	Acetal	Steel Reinforced Acetal
Protective Cage	Stainless Steel (Optional: CuNi)	Stainless Steel (Optional: CuNi)
Dimensions	600 x 100 mm	600 x 100 mm
Weight in Air	4.0 kg	4.9 kg
Weight in Water	2.1 kg	2.8 kg
Software	Sailfish	Sailfish

Key Benefits:

- Six X2•Series Interchangeable Ports: Ability to custom configure a single instrument for multiple applications
- Magnetic On/Off Switch: Configure now, power and deploy later (LGR version only)
- Integrated WiFi & GPS: Transfer data wirelessly (LGR 500 m version only)
- **USB Connectivity:** Recharge battery and connect via USB
- Integrated UV Biofouling: Maintain consistent data quality & decrease maintenance intervals (Optional on 500 m version only)
- Sailfish Software: Configure, download, process, and export profiles automatically