

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.

The **RTS** versions (ie. AML-6 RTS) stream REAL TIME data. External power and communication to these instruments are facilitated via a bulkhead connector in lieu of a mechanical switch. The AML-6 RTS is commonly used in buoys, moored applications, underwater observatories, ROVS, and AUV's.

The **XC** version (i.e., AML-6 XC) is a combination of both types of designations. Providing even more flexibility, it can internally record data and has the option of streaming data in real time. The AML-6 XC is versatile and can be used in a diverse range of applications.



WiFi



GPS



Rechargeable



USB



Depth Rating



Depth Rating

*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 RTS: No XC: Yes	LGR: No RTS: No XC: No
Communication	LGR: WiFi, USB-C RTS: RS232 XC: Wifi, RS232 & USB-C	LGR: USB-C RTS: RS232 XC: RS232 & 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 & XC version only)
- **Integrated WiFi & GPS:** Transfer data wirelessly (LGR & XC 500 m version only)
- **USB Connectivity:** Recharge battery and connect via USB (LGR & XC version only)
- **Integrated UV Biofouling:** Maintain consistent data quality & decrease maintenance intervals (Optional: RTS & XC 500 m version only)
- **Sailfish Software:** Configure, download, process, and export profiles automatically