

Environmental Monitoring Solutions

Biospherical Instruments is a globally recognized leader in the manufacture and integration of environmental monitoring solutions for use in the harshest places on Earth.



Our Products



Microradiometers

Biospherical's flagship product miniaturizes sensing at higher dynamic range.



Multichannel Arrays

Gather valuable data with our multispectral and hyperspectral sensor packages.



UUV/USV

Our Unmanned Underwater and Surface vehicles are customized to your payload needs.



Anti-Biofouling

Mitigate biofouling on in situ sensors with our patent pending modular solution.



Why Choose Us?

Our sensor payloads and delivery systems get you the data you need to enhance the capability, productivity, and safety of your business.

- Customized Payloads
- Any Use Case
- ✓ State-of-the-Art
- Global Presence

Contact Us









UUV/USV

operated vehicles for payload deployment.



C-Props Multispectral UUV



HyOPS Hyperspectral UUV



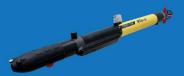
EMILY Small USV



AMY Ruggedized USV



RECKLESS Large General Purpose USV



COMET 300 Autonomous UUV



Sensors

Unmatched in dynamic range, sensitivity, capability, and durability in harsh environments...



XRR Microradiometer Array







GUV Ground Station



Flourometers



NDIR Gas Sensors



Hyperspectral

Climate Research



Environmental Safety



Harmful Algae Detection



Oil/Gas **Detection**



Defense



Agriculture Monitoring





