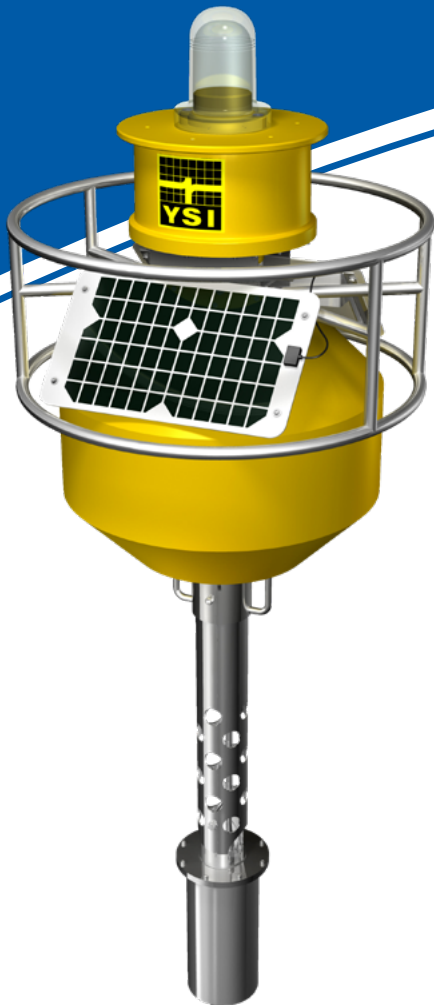




EMM68 Buoy

QUICK AND EASY ACCESS TO WATER QUALITY DATA



The **EMM68 Buoy** provides a quickly deployable water quality monitoring platform with remote telemetry. The system can be lifted into place by two people, reducing deployment and maintenance costs—while still maintaining a secure buoy that is difficult to steal or vandalize. And the entire system can be installed without divers, allowing for complete serviceability from a small boat or watercraft.

Collect data in waters previously out of reach. The EMM68 Buoy is an economical alternative to obtaining site access to install permanent fixtures on bridge pilings and piers.

With the EMM68, users will enjoy:



Plug and play compatibility with industry leading sensors and **YSI EXO** or 6-Series Water Quality Sonde



Built with serviceability in mind, easy access to instrumentation



High-quality construction for long term reliability



a xylem brand

EMM68 Buoy QUICK AND EASY ACCESS TO WATER QUALITY DATA



EMM68 Specifications

Weight	48 kg (105 lbs)
Mooring	Customer-supplied single- or two-point
Antenna	Integral cellular antenna standard; waterproof external antenna optional
Solar	2 x 10-watt panels
Battery	12v/24 amp-hr
Float	4 PCF Softlite® ionomer foam, closed cell
Sensor Payload	Any YSI EXO or 6-Series water quality sonde (can include temperature, depth, conductivity, blue-green algae, chlorophyll, fDOM, dissolved oxygen, ORP, pH, rhodamine, and turbidity, Ultrasonic MET Suites, and other 3rd Party Sensors)
Software	One copy of base-station software required for entire monitoring network; priced separately
Cloud Services	Easy integration into HydroSphere Cloud based data platform
Telemetry	Cellular, Line-of-Sight, or Satellite
Beacon	Flashing amber, optional
Deployment	Min. water depth: 1.8 meters, max. operational currents: 2 knots; max. rolling wave height: 1 meter

SPECIFICATION SHEET E61-04

Receive Remote Data

Two data delivery systems are available to send data from any YSI sonde. Basic data delivery sends a raw data file to your computer, while the web-enabled option posts data directly to a public or private website.

Advantages of Remote Data Delivery:

- Saves you unnecessary trips into the field, reducing operating costs
- Makes you aware of changing conditions as they occur, improving response time
- Match your calibration and maintenance schedules to actual sensor performance, reducing consumables

Ideal for monitoring in these applications:

- HAB studies
- Baseline studies
- Construction and dredging
- Dye-tracing studies
- Emergency response
- Fisheries
- Industrial sites
- Non-point source/TMDL
- Point source/discharge
- Stormwater & CSO
- Source water
- University/research

Custom Systems Available

Contact **YSI's Integrated Systems & Services** division to discuss your specific monitoring application. We offer a variety of buoy platforms which can be tailored to fit your needs. Our other systems are suited for deployment in high-energy environments and for long-term monitoring projects while the web-enabled option posts data directly to a public or private website.

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Who's
Minding
the Planet?®



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