



EMM60 Buoy

Quick and Easy Access to Water Quality Data



The EMM60 buoy is lightweight and easy to deploy from shore or a small boat



EMM60 buoy supports a single water quality instrument (pictured here with a YSI 6600 V2-4 sonde)

The EMM60 buoy provides a quickly deployable water quality monitoring platform with remote telemetry. The system can be lifted into place by one person, reducing deployment and maintenance costs. 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 EMM60 buoy is an economical alternative to obtaining site access to install permanent fixtures on bridge pilings and piers.

Receive remote data

A basic data delivery system is available to send data from any YSI sonde to a delimited data file on a computer. Remote data delivered to your desktop will:

- Save you unnecessary trips into the field, reducing operating costs
- Make 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

- 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.

Pure
Data for a
Healthy
Planet.®



To order, or for more information, contact YSI Integrated Systems & Services

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(Yellow Springs facility)

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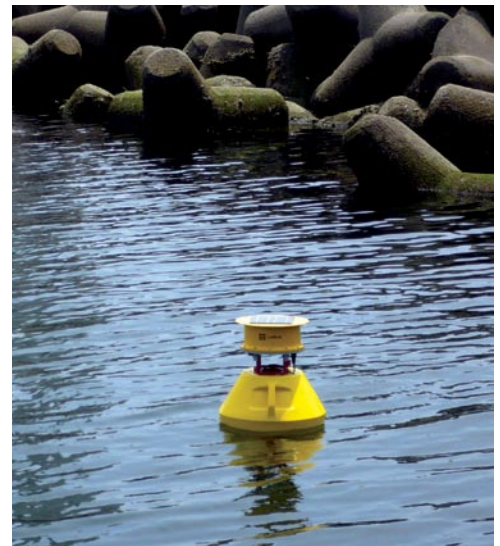


EMM60 Buoy Specifications

Weight	23 kg (50.71 lbs) in air
Mooring	Customer-supplied single- or three-point
Antenna	Integral cellular antenna standard; waterproof external antenna optional
Solar	5-watt panel
Battery	12 v/12 amp-hr
Float	Impact-resistant polyurethane, foam-filled
Sensor Payload	Any YSI 6-Series water quality sonde (can include temperature, depth, conductivity, blue-green algae, chlorophyll, dissolved oxygen, ORP, pH, rhodamine, and turbidity)
Software	One copy of base-station software required for entire monitoring network; priced separately
Telemetry	CDMA through Verizon®, GSM circuit-switched data, or GPRS (customer specifies coverage and signal strength at site when ordering)
Beacon Deployment	Flashing amber; optional Min. water depth 1.8 meters; max. operational currents 2 knots; max. rolling wave height 1 meter
Options	EMM65 buoy: Two 5-watt solar panels with 24 amp-hr battery EMM67 buoy: Three 5-watt solar panels with 24 amp-hr battery and larger electronics canister

Simple Steps to Deploy a Buoy

- Activate cellular modem and account
- Install base station software on computer with unrestricted internet access
- Configure YSI sonde with EcoWatch® software
- Test communications in lab
- Source and install mooring lines and weights
- Deploy buoy in safe location
- Maintain sensors and equipment on regular basis



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