EMM150 Inshore Buoy
Durable Design. Dependable Data.

Designed for quick deployment, the EMM150’s light weight and compact size provides a secure monitoring solution to collect data in waters that were previously out of reach. The system can be lifted into place by two people, and installed without divers—reducing deployment and maintenance costs and allowing for complete serviceability from a small boat or watercraft.

The EMM150 supports various sensors to fit your site monitoring needs, such as a YSI EXO2 Sonde positioned inside the sonde tube. Multiple data delivery systems are also available to collect real-time data from any YSI sonde.

Discover the advantages of remote data delivery with the EMM150 and EXO2:

- **Monitor in Real-Time.** User-defined alerts improve response time and notify of changing conditions as they occur.
- **Reduce Consumables.** Match calibration and maintenance schedules to actual sensor performance.
- **Save Costs.** Reduce maintenance costs by eliminating unnecessary trips into the field.
- **Deliver Data.** Send data to a base station computer via cellular or radio; while the web-enabled option posts data directly to a public or private web site.

Ideal for monitoring in these applications:

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

See reverse for specifications

YSI.com/EMM150
EMM150 Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
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<tbody>
<tr>
<td>Weight</td>
<td>68 kg (150 lbs) max</td>
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<tr>
<td>Mooring</td>
<td>Single, two or three point (sold separately)</td>
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<tr>
<td>Beacon</td>
<td>Flashing amber, SolaMAX-65</td>
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<tr>
<td>Solar</td>
<td>Integrated 4 x 4.2W standard</td>
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<tr>
<td>Battery</td>
<td>Standard 12V/18Ah lead acid</td>
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<tr>
<td>Float</td>
<td>Impact-resistant, closed cell ionomer foam</td>
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<td>Sonde Tube</td>
<td>Single or dual sub-water tubes for instrument deployment</td>
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<tr>
<td>Sensor Payload</td>
<td>The EXO family of environmental monitoring sondes offers a variety of Smart Sensors including: temperature, fDOM, conductivity, salinity, blue-green algae (PC &amp; PE), chlorophyll, dissolved oxygen, ORP, pH, rhodamine, turbidity, and depth. Please visit YSI.com/EXO for more on the EXO family of sondes. The EMM150 Monitoring Buoy can also support YSI 6-series sondes and integrate with 3rd party sensors. Contact YSI Integrated Systems and Services for compatibility.</td>
</tr>
<tr>
<td>Software</td>
<td>One copy for base station, or web portal; priced separately</td>
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<tr>
<td>Data Logger</td>
<td>Pair with the YSI Storm 3 Data Logger, and easily configure and collect data using the browser-based graphical user interface with all standard web browsers on PCs, tablets and smart phones. Please visit YSI.com/storm3 for more on the Storm 3 Data Logger. EMM150 is also compatible with select 3rd party data loggers. Contact YSI Integrated Systems and Services for more information.</td>
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<tr>
<td>Telemetry</td>
<td>Cellular (CDMA/GSM/GPRS) or point-to-point spread spectrum radios.</td>
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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. Visit ysi.com/systems for more information.

Additional Features:
- Multipurpose beacon adds to overall cost-effective solution.
- Magnetic on/off switch simplifies on-site maintenance, providing a way to cycle power without opening housing.
- External charging port to easily maintain battery life in an indoor space.
- Locking well caps add security while maintaining ease-of-use.
- Designed to support the EXO platform.

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