



EntelNet

RUGGED. REMOTE. RELIABLE.



SENTRY

**Boat Tracking and
Monitoring System**

Measures Only
4.5" x 3.94" x 1.5"
Easy to Install.



WD300

Boat Monitoring Solutions

FB-Sentry and the WD300 is a complete tracking and remote monitoring package for your boat. FB-Sentry allows you to view all of your boat's vital systems directly in the palm of your hand.

Keep Them On the Water™

Who watches your boat when you are not there? FB-Sentry is a low cost boat monitoring system that won't cost you lots of money but will give you great peace of mind.

With the FB-Sentry installed boat owners can connect directly to their boat from any smart phones or internet connected device. FB-Sentry is a free web app that can be accessed anywhere there is internet connectivity.

From the web app the boat owner can monitor their boat's vital systems in real time, set up alerts for unusual activity and even control desired functions like lighting, refrigeration, or air conditioning. All of this for just a small monthly monitoring fee.

Optional Sensors

- Shore Power Sensor
- Temperature Sensors
- Magnetic Door Switch
- Motion Sensor
- Control Relay (12 and 24 Volt DC)

Benefits:

Monitor

- Bilge Pump (2)
- Battery Voltage (2)
- Shore Power
- Inside Temperature
- Engine Parameters

Real-Time engine monitoring available via RS232 with optional Digital Tachometer or EntelNet™ module.

Maintenance

- Monitors Engine hours
- Service Reminders
- Logs daily Boat data

Weather

- Provides weather at your boat's location.

E-mail and text messages (SMS) alerts
Unlimited Users

Easy to install.

Mounts directly under the dash with easy to connect flying leads.

Alerts

- Security Alerts (2)
- Dock/Anchor Alarms
- High Water Alarm
- Engine Alerts

Control

Switch outputs (3)

- Lighting
- AC/Heater
- Generators

Map

- GPS tracks and routes



The FB-Sentry module (WD300) is a compact, ruggedize, feature-rich and cost effective web-based GPS/Cellular Boat Tracking and Monitoring System. Combined with the monitoring web app you are never out of touch with your boat.

Always on reporting

When you are away from Cellular service the system can store up to 20,000 reports and downloads when back in range.

Reports position every 7 minutes when in motion with comprehensive GPS Tracking and Routes.

Engine reports every 15 minutes

Low Power Draw <20ma



| Specifications | <p>Communication: Wireless; 2G/3G Cellular</p> <p>Coverage area: Worldwide Cellular Coverage</p> <p>Telemetry Address: IP; Dynamic (static optional)</p> <p>Configuration States: Multiple; Primary; Conditional or Contingency Event/ Alert Driven</p> <p>Battery Voltage Monitor: 2 External</p> <p>Activation: Connect to Voltage</p> <p>Wiring Harness: 15 22 AWG leads, 2 20 AWG power leads (Wiring diagram available)</p> <p>Harness Connection: 20-pin Molex type</p> <p>Geo-Location & Tracking: GPS</p> <p>Antennas: Internal; GPS and Cellular</p> <p>Logs: Permanent time stamped logs of shore power, bilge activity, battery voltage (2), GPS location, temperature, security events, engine/generator hours.</p> <p>Alerts: Independent alerts for logged activities and events.</p> <p>I/O functionality: 5 Digital Inputs 3 Digital Outputs (200mA) 2 Analog Inputs 1-Bit Bus (Serial) 1- RS232</p> |
|----------------|--|
|----------------|--|

| Environmental | <p>Voltage: 12 & 24V ready (9-30 vDC) < 20 mA during 12V sleep < 70 mA average while active</p> <p>Operating Temperature: - 30 C to + 75 C</p> <p>Storage Temperature: - 40 C to + 85 C</p> |
|---------------|---|
|---------------|---|

| Dimensions and Weight |
|--|
| <p>L: 4.56" (115 mm)</p> <p>W: 3.94" (100 mm)</p> <p>H: 1.5" (38.1 mm)</p> <p>3 oz. (85 g.)</p> |
| GPS |
| <p>50 Channel</p> <p>-162 dBm sensitivity</p> <p>< 2m (CEP50)</p> <p>(Circular Error Probability)</p> |
| Communication Modes |
| <p>GSM/UMTS, HSDPA/EDGE/GPRS</p> <p>Packet data, UDP</p> |
| Certifications |
| <p>CE</p> <p>FCC</p> <p>PTCRB</p> <p>Cellular Carriers</p> |

For more information contact



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