



EntelNet

RUGGED. REMOTE. RELIABLE.

FB SENTRY

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™

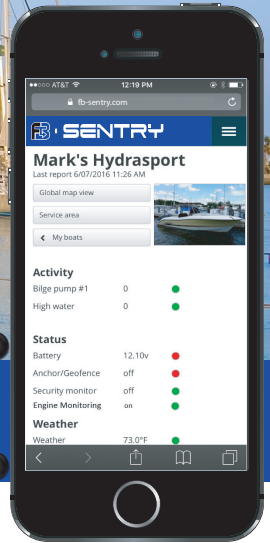
Who watches your boat when you are not there? FB-Sentry is a low cost boat monitoring system that won't cost you lots of money but will give you great peace of mind.

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
- Battery Voltage
- Shore Power
- Inside Temperature
- Engine Parameters

Map

- GPS tracks and routes

Weather

- Provides weather at your boat's location.

Maintenance

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

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

Easy to install.

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

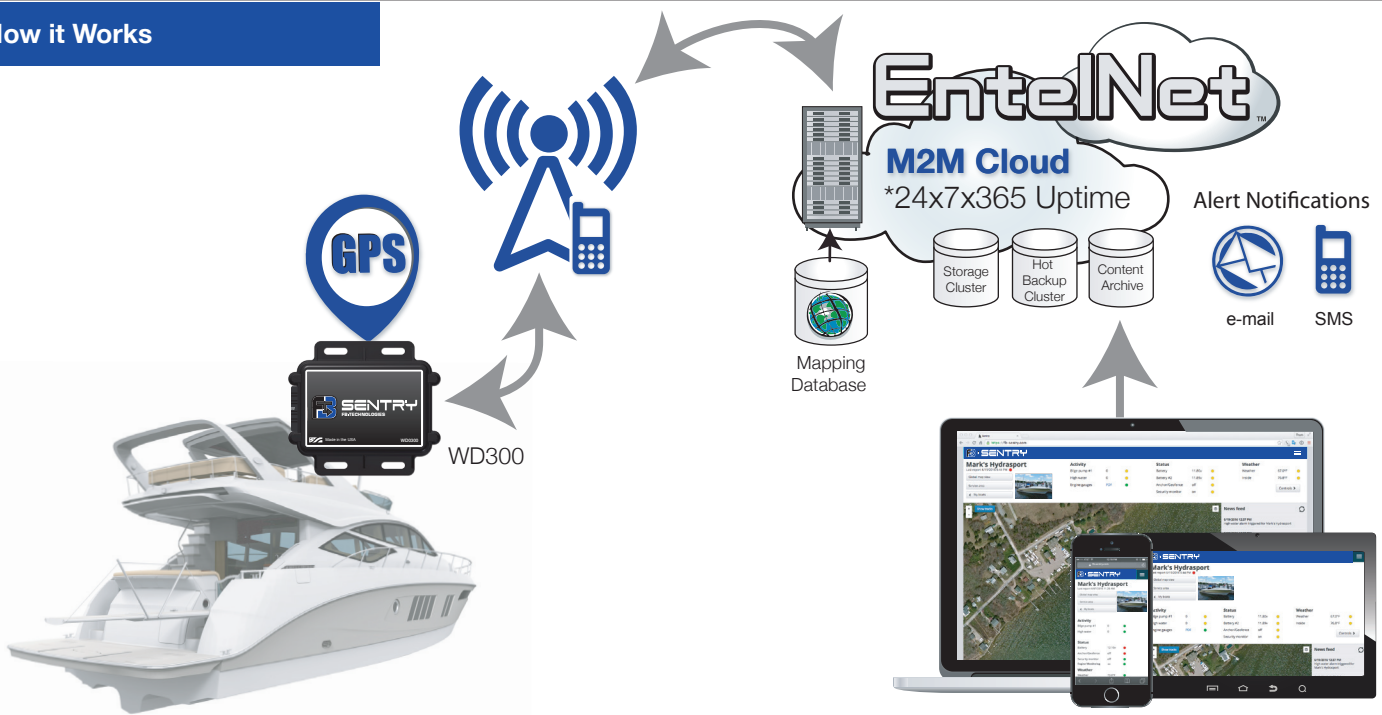
Alerts

- Security Alerts
- Anchor Alarms
- High Water Alarm
- Engine Alerts

Control

- Lighting
- AC/Heater

How it Works



Specifications

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

Dimensions and Weight

L:	4.56"	(115 mm)
W:	3.94"	(100 mm)
H:	1.5"	(38.1 mm)
	3 oz.	(85 g.)

GPS

56 Channel
-162 dBm sensitivity
< 2m (CEP50)
(Circular Error Probability)

Communication Modes

GSM/UMTS,
HSDPA/EDGE/GPRS
Packet data, UDP

Certifications

CE
FCC
PTCRB
Cellular Carriers

Environmental

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

For more information contact



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