



EntelNet

RUGGED. REMOTE. RELIABLE.

FB · SENTRYGPS

WD315

Powered Asset Tracking Solutions

FB-Sentry and the WD315 is a complete web based GPS tracking package.

Monitor your assets location and ambient temperature with or without power. This small self contained device monitors your assets location with GPS and supports location with Cellular Tri-location using cellular tower information when a GPS signal is not available.

Designed to be connected to 12 or 24 vDC power. When disconnected, the 5000 mAh lithium back-up battery provides for long term reporting even over long lengths of time, up to 24 months.

This device, once activated, can not be tampered with and turned off mechanically. However, the owner has complete control using over the air technologies, preventing disabling.

View your assets location and get directions to your asset on the FB-SentryGPS.com website. The secure website is password protected and can view all activated assets on a single page. Drill down and get individual asset information.



only 4.56" x 2.25" x 1.125"

Benefits:

- Magnetically, Temporary or Permanent mounted for easy placement
 - Can be mounted inside or outside
- IP67 rated for Water and Dust resistance
- Built in GPS and Cellular antennas
- Magnetic Trigger Activation
- GPS and Cellular Geo-Location & Tracking
- Rated for temperature down to -50°C (-58°F)
- Built-in thermistor measures and reports temperature at the device
- Internally powered back-up battery with up to 1 year of daily reporting

Back-Up Battery Life based on reporting cycles

- 10 months reporting twice/day
- 12 months reporting daily
- 18 months reporting every other day
- 24 months reporting weekly
- Up to 1500 reports within first six months
- Up to 750 reports within first year

How it Works



Specifications

Cellular Tri-location:

- If GPS signal is unavailable (for instance if asset is in metal building), the Faria Beede WD310 will use cellular tower information for a low-precision location. Accuracy is not possible, but reliable, general location information is available. Precision within ½ mile is about average at this time, but location within 50-300 yards is possible.
- Continuously connected power
 - Recharges the 5000 mAh back-up battery
- Three (3) Analog Inputs
 - 2 - Ground Sensing
 - 1 - Voltage Sensing

Dimensions and Weight

L:	4.56"	(115 mm)
W:	2.25"	(57 mm)
H:	1.125"	(28.6 mm)
	6.5 oz.	(185 g.)

GPS

12 Channel
 -157 dBm sensitivity
 < 2m (CEP50)

Communication Modes

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

Certifications

FCC
 PTCRB
 Cellular Carriers

Environmental

Power:

- 12 or 24 vDC
- 5000 mAh lithium rechargeable back-up battery, 3.6 volts
- <50 uA sleep
- <150 mA avg. active

- Operating temp. -20°C to 60°C (-4°F to 140°F)
 (Continued operation at temperature extremes may reduce battery performance)
- Storage temp. -40°C to 80°C (-40°F to 176°F)

Ingress Protection Rating: IP67

- Totally protected against dust
- Protected against the effect of immersion up to one meter deep

For more information contact



Tel: 860.848.9271

Web: www.FariaBeede.com