



# Remote Asset Management

## ACTIVELY MONITORS LOCATION & GENERAL CONDITIONS

### KEY COMPONENTS:

The NMS Remote Asset Management system (RAM) actively monitors location and general conditions of generators and propane tanks, heavy equipment, reefer temperature trailers and much more. It provides active alerts via text or email and includes real-time condition information with historical reporting. Our IP66 rated devices are built for long-term outdoor use and are capable of multi-sensor deployments to ensure wide area coverage of your assets.

### MONITORING OF:

- Fuel Levels
- Startup Time
- Battery Voltage
- Maintenance
- Location

### ACTIVE ALERTS:

- Low Fuel levels
- Low Voltage
- Central Bus Alarm
- Movement Outside Allowed Area

### REPORTS:

- Total Run / HOS
- Stop / Start Times
- Exercise Run Times

### KEY FEATURES:

- Remote Monitoring Of Fuel Levels, Voltage, Location, Startup Time and Maintenance
- Active Alerts For Low Fuel / Voltage Levels, Movement Outside Given Area and Unauthorized Use
- Historical & Run Time Reports
- Cloud Based Access
- Hours of Service
- Low Cost / Easy Setup
- Viewable Status From Anywhere



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ACTIVELY MONITORS LOCATION  
& GENERAL CONDITIONS



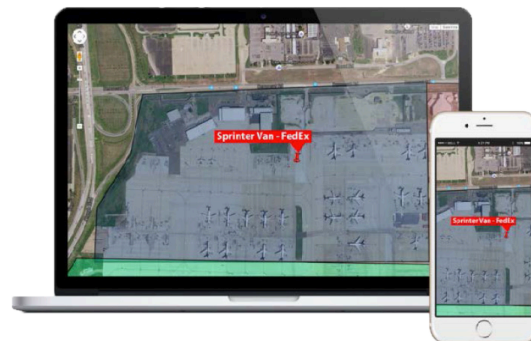
## DEVICE SPECIFICATIONS:

LTE	Cat.M1 & NB1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28 LTE-TDD: B39 (for Cat.M1 only)
GSM	GSM850/GSM900/DCS1800/PCS1900 Output Power: GSM850/900: 33dBm±2dBm DCS1800/PCS1900: 30dBm±2
Device Control and Reporting	HTTP/TCP/UDP/SMS
GPS Sensitivity	-162dBm Tracking Sensitivity Accuracy(Open Sky):< 2.5m (CEP50)
Power Consumption	- Active mode: <32 mA @12VDC - Sleep mode: <22 mA @12VDC
Operational Temperature Range	-20C to 65C
Motion Detection	Built in 3-Axis Accelerometer
Battery capacity	4300 mAh
Supply Voltage	9V~36V
Storage Temperature (Without Battery)	-40C to 85C
Housing Dimension	90mm *55mm *18mm
Certificates	PTCRB,FCC,RoHS



## ULTRASONIC SENSOR FEATURES:

- Narrow 2" beam width and short 2" dead band optimized for small tanks
- PVDF transducer and 6P polycarbonate enclosure for corrosive liquids
- Automatic temperature compensation for accurate measurement
- Continuous non-contact level measurement up to 49.2" (1.25m)
- Additional versions that can measure up to 32.8' (10m)



## ULTRASONIC SENSOR SPECIFICATIONS:

- Range: 49.2" (1.25m)
- Accuracy: 0.125" (3mm)
- Beam width: 2" (5cm)
- Pressure: MWP = 30 PSI (2 bar)
- Supply voltage: 24 VDC (loop)
- Consumption: 0.5W
- Process temp.: F: 20° to 140°, C: -7° to 60° ff
- Encl. material: Polycarbonate
- Ambient temp.: F: -31° to 140°, C: -35° to 60°
- Enclosure rating: Type 6P, encapsulated, corrosion resistant & submersible