



**e-Fuel**

# Tank Monitoring

Because all tank monitoring is not created equal.



Don't just monitor-run smarter! Every tank monitor includes e-Fuel Delivery Management. e-Fuel tank monitors provide our delivery management system with fuel usage, local weather and user habit data for the most accurate usage forecasts. In e-Fuel Delivery Management tank monitor data is used throughout the system, leveraging your tank monitor investment to take your business to a new level.

Low cost, quick to install and useful for your customer. Data module installations take about 10 minutes and the gateway can be left for the customer to plug in. The gateway provides your customer with tank level and temperature from inside the house and has a place for your company name and phone number. e-Fuel tank monitors provide utility grade readings for above ground, underground and storage tank monitors. Don't settle for 1 reading a week!

Get the One System advantage and experience the power of e-Fuel with every tank monitor. Comprehensive tank monitor status is displayed throughout e-Fuel giving you the latest fuel level where you need it. The new capabilities you experience with e-Fuel will allow you to continually improve average gallons per drop while maintaining flexibility to meet customer fuel delivery expectations.

Call us today for an online demo to see how e-Fuel will add value to your delivery operations.



**Unique to e-Fuel**

Part of the e-Fuel  
Delivery Management  
One System

The Most Accurate  
Tank Level Readings

Universal Sensor Fits  
All Gauge Types

Long Monitor Life with  
Solar Power and No  
Battery Replacement



## Standard Tank Monitor Set #Set-DM-SHRF-1

Standard Tank Monitor Set includes one Data Module for an above ground tank and one Gateway for receiving and transmitting readings. The Data Module is suitable for installation on 120-2000 gallon tanks. The attached universal sensor fits Jr. and Sr. style gauge heads. A standard 6' cable is included. The Gateway is installed in the home or office and has an easy to read LCD screen for tank level, temperature and time.



### Data Module #DM-SHRF-1

Standard above ground Data Module is suitable for installation on 120-2000 gallon tanks. The attached universal sensor fits Jr. and Sr. style gauge heads. A standard 6' cable is attached. Data Module provides utility grade data collection with readings every 30 minutes, runs on solar power with backup battery, and has the most accurate float level reading, with a less than 2% variance. Must be used with a Gateway.



### Gateway Module #GWM-P-SHRF-1

The Gateway receives readings from the Data Module(s); supports up to 8 Data Modules in a small geographic area. The gateway is installed in the home or office and receives and transmits the tank level and outdoor temperature sent by the Data Module. It also displays on an easy to read LCD screen the tank level, indoor/outdoor temperature and the time. All data is sent to The Fuel Web servers once a day or every 30 minutes for alerts. Retains 8 days of data and settings with no loss of data due to power failure. Plugs in like a phone.



### Data Module for Underground Tanks #DM-SHRF-4

The Data Module for underground tanks is an easily modified solution for monitoring an underground tank. The two part sensor design makes it easy to fit through small spaces. Includes a standard 6' cable. Data Module provides utility grade data collection with readings every 30 minutes, runs on solar power with backup battery, and has the most accurate float level reading, with a less than 2% variance. Must be used with a Gateway. Suitable for installation on 120-2000 gallon tanks.



### Storage Tank Monitor Set #Set-DM-SHRF-3

The Storage Tank Set includes one Data Module with 6' cable and cable connectors, a 75' cable extension, sensor and dial for a storage tank and one Gateway. The Gateway is installed in the office and receives and transmits readings. Information is also displayed on the LCD screen. Longer cable extensions are available if needed.



More Tank Monitors and Installation Accessories and Pricing Available at <http://store.thefuelweb.com>

#### Tank Monitor Control: Installation and Maintenance Features

Version Comparison	Lite	Pro	Enterprise
Low cost installation options for deploying 1 or 10,000 monitors	Y <sup>1</sup>	Y	Y
Tank monitor hardware installation flexibility-adapts to all situations.	Y	Y	Y
Quick Post to easily add individual installations	Y	Y	Y
Install Logs, route maps and custom filtering capabilities.	N	Y	Y
Six tank monitor alerts with email and text messaging	Y	Y	Y
Quick View tank monitor status and maintenance check.	Y	Y	Y
30+ standard reports for tank monitor status and follow up.	Y	Y	Y
Extensive charting of historical tank monitor data.	Y	Y	Y
Advanced data filtering: 48 readings a day for most accurate data.	Y	Y	Y

#### Data Module Standard Features

Transmits via 900 MHz RF, complies with FCC Part 15  
 High impact waterproof and UV resistant enclosure.  
 UL listed Intrinsically Safe.  
 Power circuit combines a solar power and a lithium battery.  
 48 readings and 8 data transmissions to Gateway module daily under normal conditions. (RF transmissions are not guaranteed when the Data Module is covered by ice or snow and is subject to the same limitations as all low power RF devices.)  
 Measures and records ambient temperature and battery level at tank whenever level is read.  
 Designed to be installed by delivery personnel on regular delivery call.  
 Preprogrammed, no setup required.  
 Temperature Rating: -20 to 70 degrees C, 90% condensing.  
 Universal mounting kit for sensor, module and antenna.  
 Operating parameters reprogrammable remotely by seller  
*Unusual usage trigger*-% of negative change in level that indicates possible leak or unusual usage.  
*Low level trigger*- % left in tank that forces a transmission.  
*Fill trigger*- % positive change in level that indicates a fill and forces a transmission.

#### Gateway Module Standard Features

900 MHz receiver, can service up to 8 Data Modules as standard.  
 Complies with FCC parts 15 and 68.  
 Intended to be easily installed by fuel customer.  
 AC adapter required, included.  
 Mounts next to phone, plugs into phone jack, accessory RJ\_11 jack for phone connection.  
 Displays tank level, clock and temperature.  
 Preprogrammed-no setup required.  
 2400 Baud FCC modem.  
 Communicates using standard internet protocols.  
 The following operating parameters are re-programmable by seller:  
*Low temperature trigger*-at what inside temperature is an alert transmission forced.  
*Program Response to Data Module Transmissions:*  
 Unusual usage-ON/OFF  
 Low Level Trigger-ON/OFF  
 Sensor Problem-ON/OFF  
*Internet Access Parameter*-requires special authorization and optional software, the cost of which is not included and shall be paid by buyer.