

# TANK LEVEL MONITORING SYSTEM

FOR DRY OR LIQUID STORAGE TANKS



The Kahler Automation Tank Level Monitor system allows easy monitoring of dry or liquid bulk storage tanks. Each unit will monitor up to 12 sensors, with the capability of being “daisy chained” to create a system that will monitor up to an unlimited quantity of sensors.

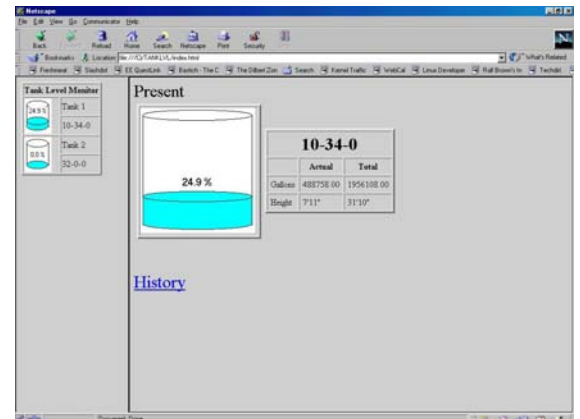
The local visual display continuously scrolls through and displays the level of each product, and the corresponding value in pounds or gallons.

An easy to use keypad feature, allows the operator maximum flexibility for set up and reporting.

The system may also be tied in to a personal computer for office monitoring of each tank, or via a Wide Area Network or modem at a remote site.



Local Display allows operator to view tank levels, and setup local variables such as high and low level alarms, and critical alarms like excessive flow and catastrophic failure parameters.



Variety of level sensors available:

- ✓ Pressure
- ✓ Laser
- ✓ Ultrasonic
- ✓ Radar

Optional: Web-based computer software provides a graphical view of the tank level along with digital values and history of levels over time

Manufactured by:



Distributed by:

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# TANK LEVEL MONITOR SPECIFICATIONS

## FDS-TLM

Enclosure: Fiberglass NEMA 4X rated, Color is light gray  
Size: 16" high 14" wide 8" deep with external mounting feet  
Power: 120 VAC wall plug in power supply  
Operating temperature rating 32 to 100 F  
Inputs are 4 – 20 ma DC  
Main Panel is capable of 4, 8 or 12 Probes  
Expansion units are capable of 4, 8 or 12 Probes  
Back lit 2 line display with keypad



Option: FDS-TLMM Telephone modem for remote computer monitoring  
Option: FDS-TLMS Web Based Remote Access Software for Wide Area Network

## Sensors



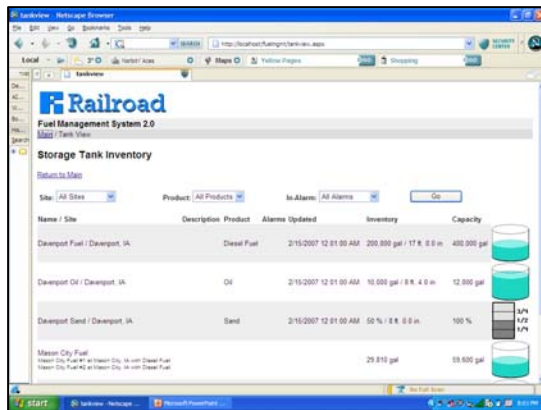
4-20ma. Submersible, generally with a 40 or 50' cable

Ultrasonic, Guided Wave Radar & External Pressure Sensors are available

Terminations for sensors are screw type color coded and labeled

145360 Extension cable is available for wiring to the Tank Level Panel

## FDS-TLMS Software



Minimum computer w/Windows XP Pro or Vista Business.

A Web based management program that allows authorized users to monitor all of the tank farms from any network personal computer. The system is configurable to allow multiple users to view only the information they are authorized to review based upon their "user rights".

Each tank to be monitored may have a custom alarm for each event as programmed by the user. Actual levels can be recorded as often as the user wishes to have the system retrieve data. Data for any tank can be viewed at any time by the user. A sorting feature allows the user to view groups, specific tanks or by product. Error reports are also a feature of the Storage Tank Inventory section.

