

High-LINK® Fireguard Tank with LevelShield

HT-6113

High-LINK® Integrated Systems couple superior steel tank products with state-of-the-art electronic management devices and proprietary software providing real-time data to optimize usage and transfer of **any liquid operation**.

PRODUCT DETAILS

Highland Tank's Fireguard® tanks surpass the capability of any other Fireguard® tank in the market. All Highland Tank Fireguards are shipped from our factories complete with an entry-level High-LINK® **LevelShield** inventory management system.

The **LevelShield** inventory management system is easy and convenient to use with our High-LINK® software platform. Our system eliminates the need to manually check and record levels as in traditional tank monitoring systems.

With minimal hardware and wiring, the **LevelShield** system reduces installation costs and can be mounted on any vertical surface, indoor or outdoor.

The magnetostrictive (MAG) probe and a communication panel combination continuously monitor almost any liquid product.

The probe employs two floats and a temperature sensor to provide product and water levels as well as temperature-compensated volume for accurate inventory reporting.

The communication panel transmits level data from the probe to our web-based High-LINK® software platform. The panel also includes audible/visual alarm inputs for interstitial and overfill alarms.

Using the High-LINK® platform, simply log in, run a report, and view, print, or export the data for highly accurate inventory reconciliation. Time and money will no longer be wasted with traditional tank monitoring systems.

After connection and equipment set-up, 90-days of FREE monitoring are provided to demonstrate system capabilities.

Fireguard® tank package

- All Fireguard® tanks from Highland Tank include all the hardware required for monitoring plus a 90-day trial
- Communication panel (Comm Box) to interface with MAG probe
- Magnetostrictive (MAG) probe for continuous level, water and temperature monitoring
- Optional equipment:
 - Overfill Sensor
 - Interstitial Sensor

How it works

- Real-time data is transmitted to the cloud continuously for around-the-clock level monitoring
- Access data from anywhere using the High-LINK® platform
- Cell communication works anywhere there is coverage
- Built-in alert functions provide real-time data analysis and help detect fraudulent activity
- Time-saving reports generated and printed from any computer

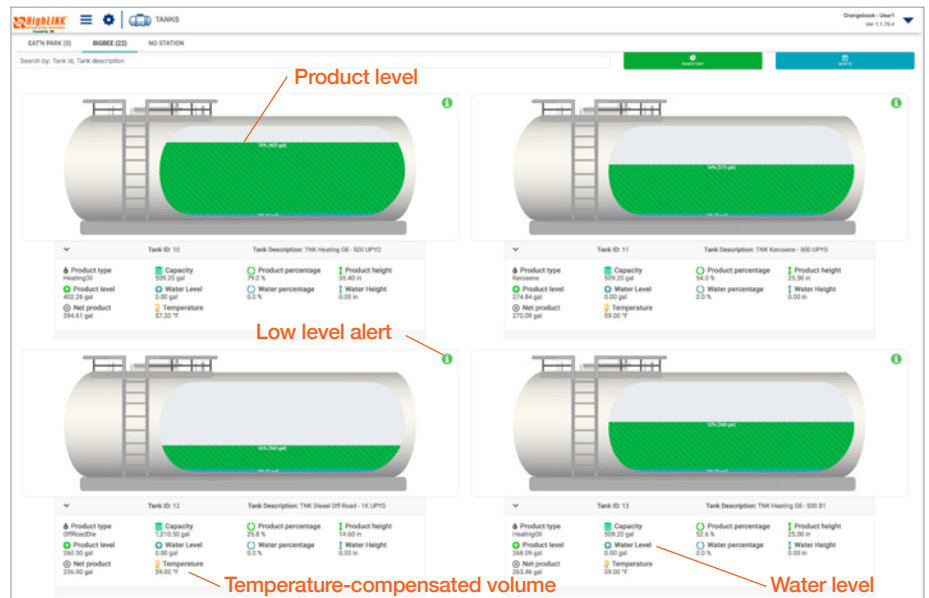
Compared to other systems

- Low cost of software and comms vs. buying a new system
- Cloud-based software with **FREE** updates and support
- System flexibility
 - Indoor/outdoor mounting, with minimal wiring required
- Low installation cost
- No need for large consoles and/or ticket printers

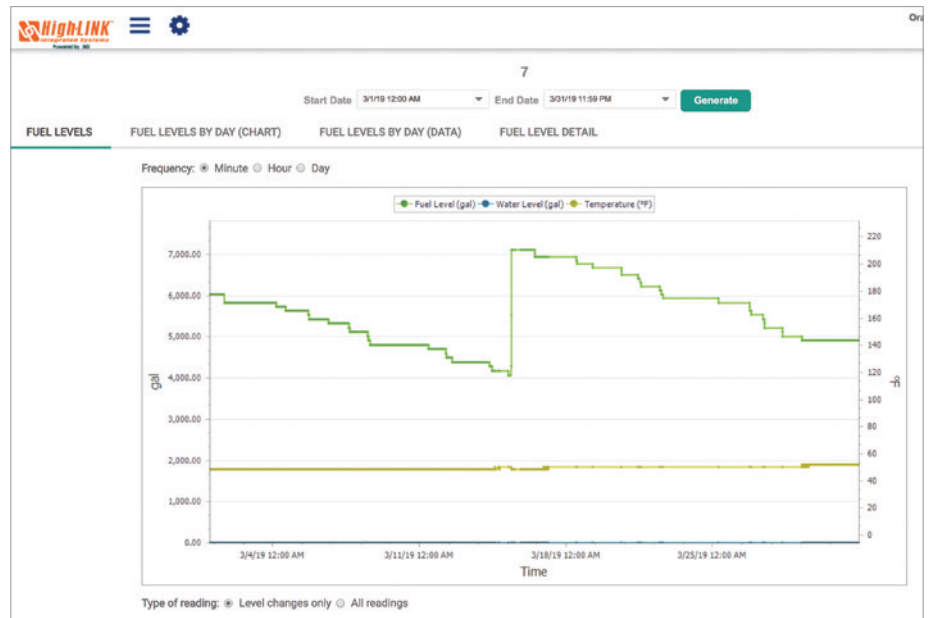
Utilizing High-LINK® provides years of unmatched monitoring for less upfront cost than a traditional level monitoring system

Manage liquid levels from anywhere

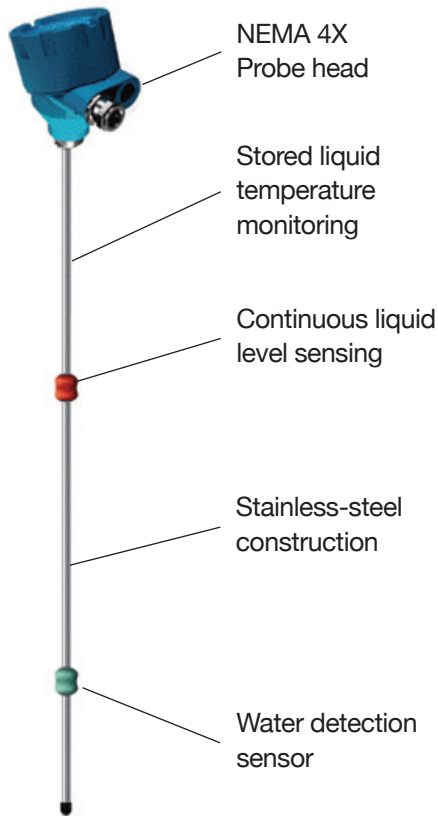
- Save money and increase efficiency
- Analyze data in real time
- Optimize operations
- Continuous water detection in tanks
- Verify physical delivery
- Fully customizable and remotely programmed alerts include: low liquid level, volume pumped, etc
- Auto-generated reports based on user-defined parameters



High-LINK® User Interface Screens



Magnetostrictive Probe



Specifications

- 2-Floats for level monitoring product & water
- Measuring accuracy up to ± 0.02"
- Integrated sensor for temperature-compensated volume monitoring
- RS-485 Wired Communication Standard
- Measuring range along the complete probe length
- Standard lengths of 60" to 167" (Longer probe lengths are available upon request)
- Resolution ± .004"
- Environmental: -40°-185°F

Physical

- Floats: SP-P for product, SP-A for water
- Stem: 316L stainless steel tubing
- Tank connection: 2" NPT

Certifications

- Explosion-proof ATEX CESI & IENRIS-OIML R85 (pending)
- Class 1 Division 1&2 (Safer Barrier)
- Class 1 Zone 1&2 (Safer Barrier)

Specifications for magnetostrictive probes only. Other level-sensing equipment is available upon request.

Features

- Manage liquid levels from anywhere
- Save money and increase efficiency in inventory management and
- Analyze data in real time
- Optimize operations with effective level management
- Continuous water detection in tanks

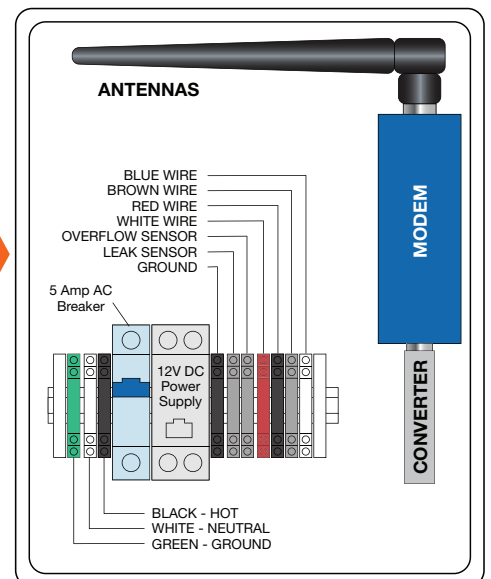
Optional equipment

- Overfill Sensor
- Interstitial Sensor

CommBox

Standalone tank monitoring system that is easy to install anywhere, including outside or on the side of the tank. Transmits data from the MAG probe eliminating the need for bulky console or receipt printer. Plug-and-play design utilizes 4G cellular technology and operates on 120V single-point power supply.

Connect up to 2 **LevelShield** probes with the capability to also serve as an overfill and interstitial alarm panel, complete with two separate alarm relays, lights, and an internal horn.



Highland Tank®

Stoystown, PA
One Highland Road
Stoystown, PA 15563-0338
814.893.5701

Manheim, PA
4535 Elizabethtown Road
Manheim, PA 17545-9410
717.664.0600

Watervliet, NY
958 19th Street
Watervliet, NY 12189-1752
518.273.0801

Greensboro, NC
2700 Patterson Street
Greensboro, NC 27407-2317
336.218.0801

Lebanon, PA
2225 Chestnut Street
Lebanon, PA 17042-2504
717.664.0602

Friedens, PA
1510 Stoystown Road
Friedens, PA 15541-7402
814.443.6800

Clarkston, MI
4701 White Lake Road
Clarkston, MI 48346-2554
248.625.8700

Mancelona, MI
9517 Lake Street
Mancelona, MI 49659-7968
231.587.8412



PROUDLY MADE IN AMERICA

© Highland Tank - HT-6113 - 11/2020