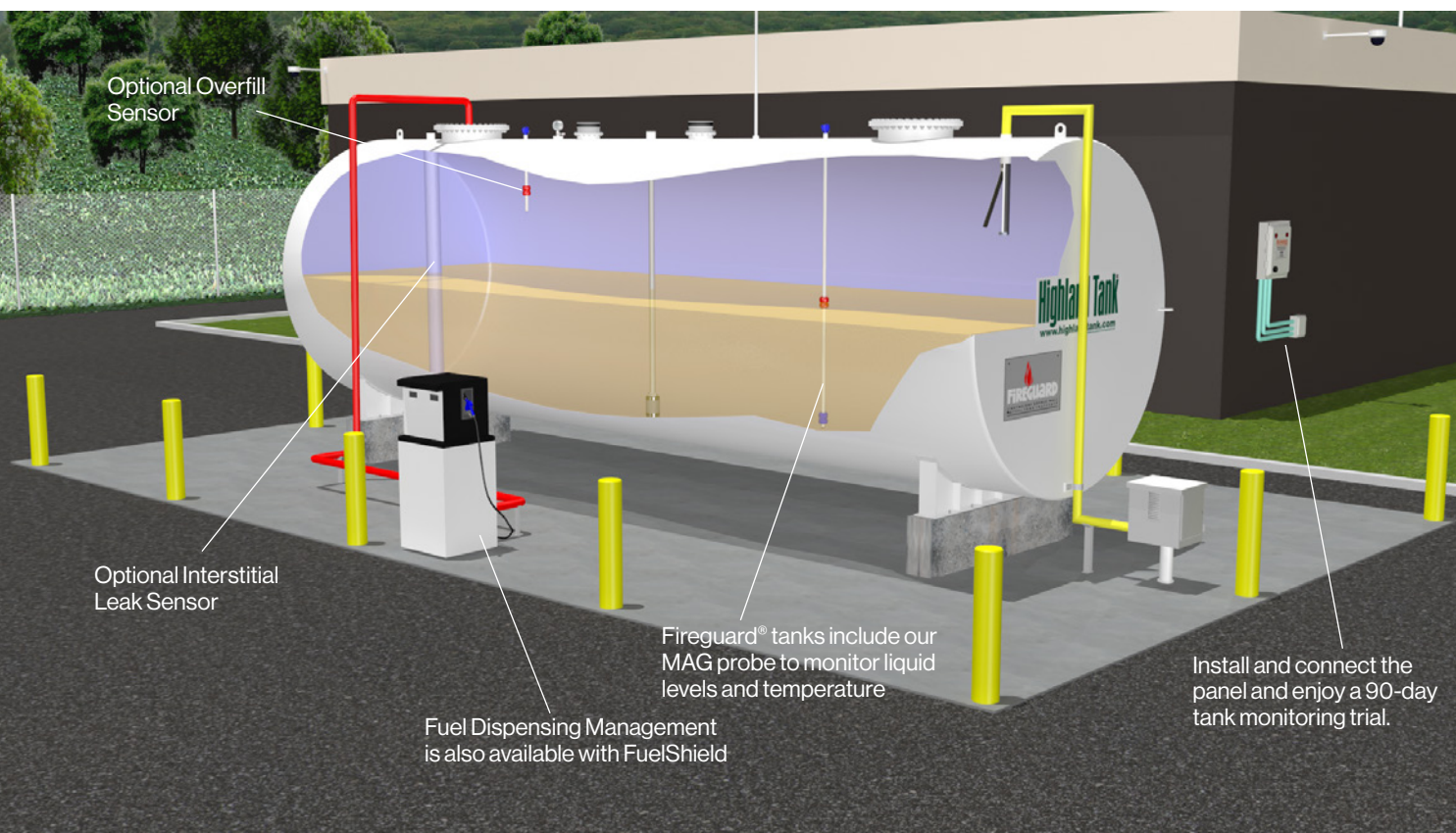


Built on Tradition



Highland Tank®



Fireguard Tank & High-LINK® LevelShield

HT-6113

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® /High-LINK® Tank Package

Fireguard® tank package includes:

- 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

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

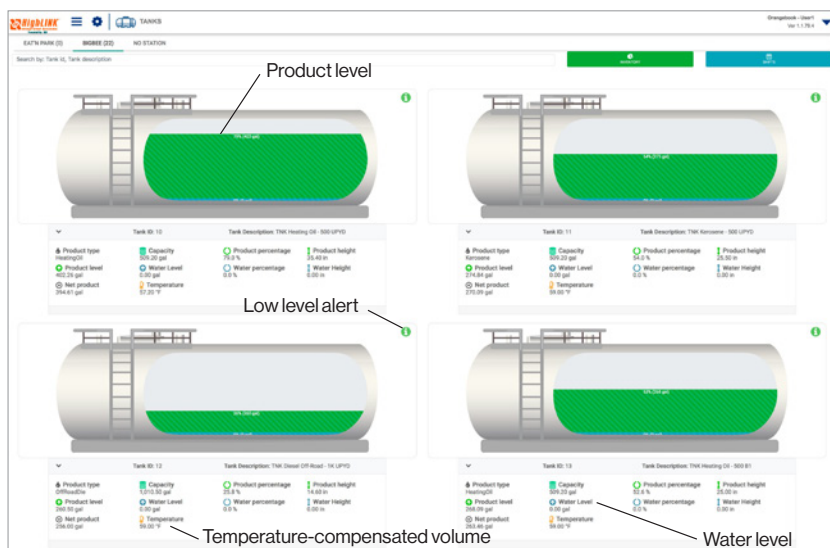
How it works

- 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

High-LINK® User Interface Screens



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



Highland Tank

Magnetstrictive Probe

- 2-Floats for level monitoring product & water
- Measuring accuracy up to $\pm 0.02"$
- 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 $\pm .004"$
- Environmental: -40° - 185° F

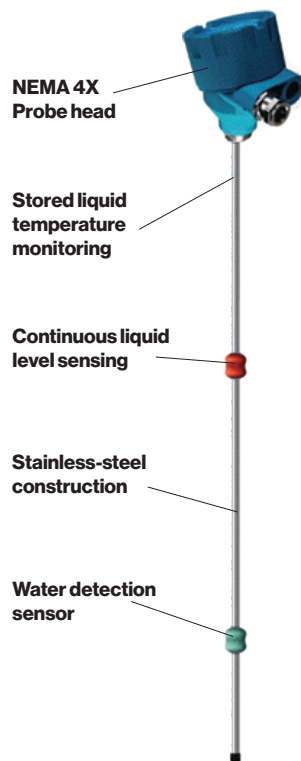
Physical

- 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 magnetstrictive probes only.
Other level-sensing equipment is available upon request.



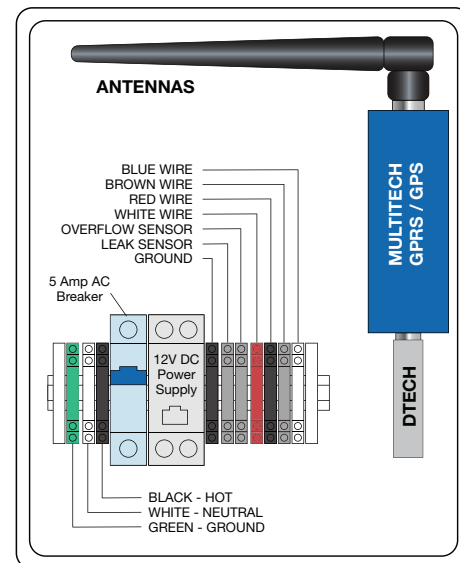
Comm Box

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 overflow and interstitial alarm panel, complete with two separate alarm relays, lights, and an internal horn.



Depicted below is a view inside the box.



Highland Tank

Stoystown, PA
One Highland Rd.
Stoystown, PA 15563
(814) 893-5701

Manheim, PA
4535 Elizabethtown Rd.
Manheim, PA 17545
(717) 664-0600

Watervliet, NY
958 19th St.
Watervliet, NY 12189
(518) 273-0801

Greensboro, NC
2700 Patterson St.
Greensboro, NC 27407
(336) 218-0801

Friedens, PA
1510 Stoystown Rd.
Friedens, PA 15541
(814) 443-6800

Clarkston, MI
4701 White Lake Rd.
Clarkston, MI 48346
(248) 625-8700

Mancelona, MI
9517 Lake St.
Mancelona, MI 49659
(231) 587-8412

