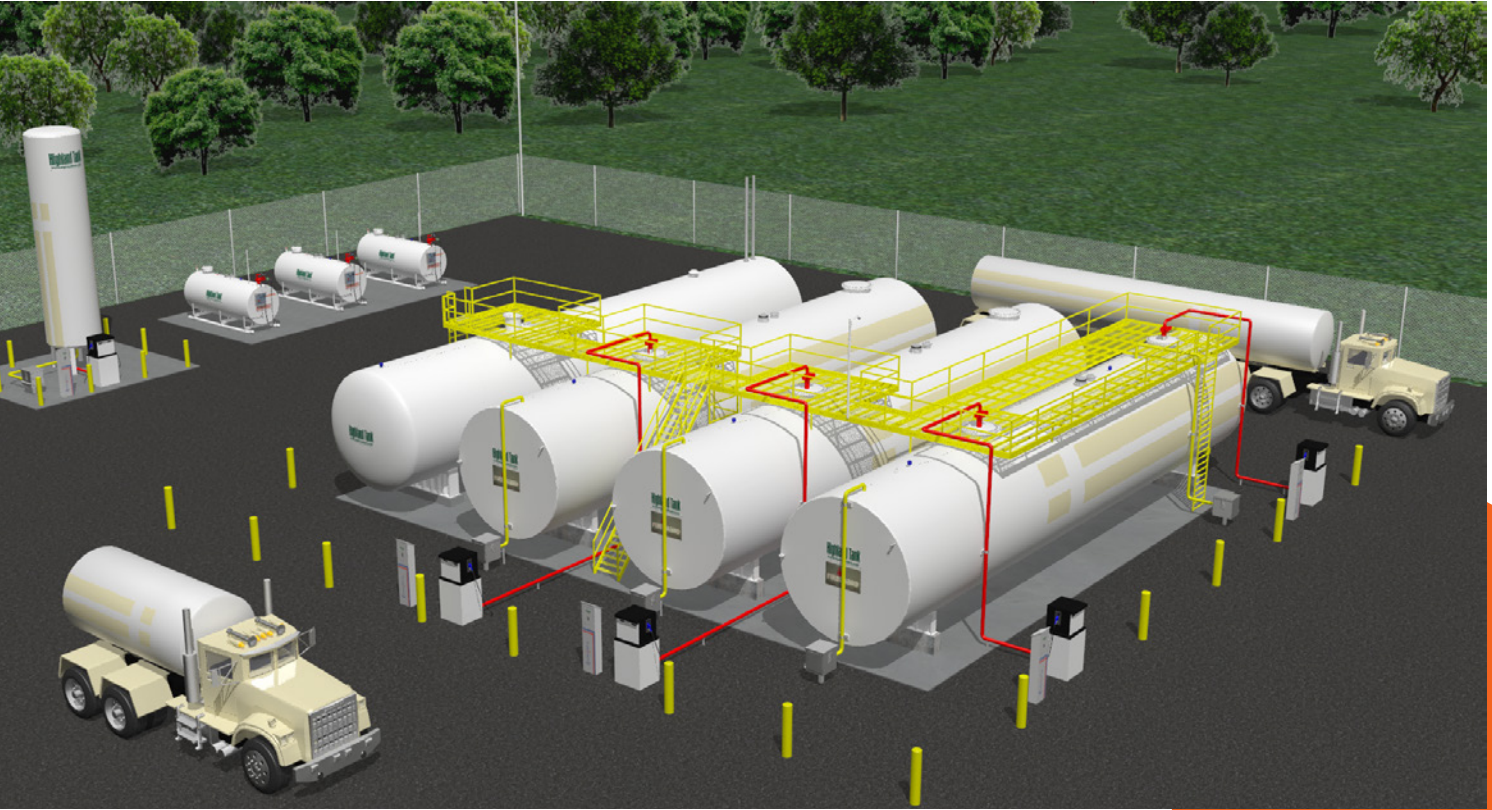


**Built on Tradition**



**Highland Tank®**



## FuelShield Remote Terminal

HT-6103

### FuelShield-RT)and Mini-RT

FuelShield is the most innovative and accurate wireless automated fuel management system for mechanical or digital pumps. FuelShield is designed for stationary or mobile applications and suits both retail and commercial applications. FuelShield can also be retrofit to existing fueling systems or designed into new facilities.

FuelShield-RT and FuelShield-MINI-RT units are available to provide access to all the features of the FuelShield, from multiple individual dispensing points on a single site. The RT and MINI-RT models are configured with hardware for driver/vehicle authorizations only. The host FuelShield on site, performs data processing functions for all physically connected RT devices.

A single FuelShield host unit can support up to seven independent dispensing points plus the location where it is installed. Likewise, the MINI-RT can control/monitor a total of four fueling locations.

### Features:

- Track fuel transaction by vehicle, driver, fuel type, amount, cost, date, and time
- Manage fuel transportation, receipt, dispensing, and consumption
- Easy-to-use cloud-based platform
- Secure and convenient multi-user web dashboard
- Full visibility of your entire operation from anywhere, anytime, on any device

### Benefits:

- Eliminate fraud and human errors
- Cost-saving minimal installation
- Optimize fuel consumption
- Reporting, analytics, alerts and more with High-LINK software platform



# FuelShield-RT Details

## FuelShield-RT Pedestal model



### Construction:

- Welded aluminum
- Powder coated
- Sloped top to shed water/snow
- Neoprene access panel seal

### Options

- Emergency Stop
- Cabinet Heater

### Controls - Combined with Host FuelShield

- Up to eight (8) hoses
- Up to eight (8) level probes
- Unlimited drivers and vehicles

### User ID Options

- Dallas Key
- HID
- Magnetic Card
- PIN Pad

### Vehicle ID Options

- Dallas Key
- HID
- RFID
- Magnetic Card
- PIN
- Barcode Scanner

### Communication Options

- LAN

The FuelShield software module provides over 50 standard reports and multiple data filtering functions to provide users with big data analysis capabilities. User-defined custom reports are also available for tailored reporting.

Other FuelShield models are available for specific applications, limited service and added capability.

- FuelShield Management System
- FuelShield Plus - Includes LevelShield liquid level monitoring
- FuelShield Mini - 1-4 hoses, with various options

## FuelShield Specifications

### Physical

- Cabinet Size 15.25" W x 9.0" D x 64.0" H
- Base Plate Footprint: 16.5" W x 10.0" D
- Foundation Connection:

### Operating Voltages:

- 12/24 VDC or 110-230 VAC

### Operating Temperature Range:

- Minus 32° to 135° F without heater
- Minus 55° to 135° F with optional heater

### Control Panel Standard Features

- Keypad
- LCD Display
- Dallas Key Reader

### Access Panel (Locking, Rear):

- 13.625" W x 35.0" HD

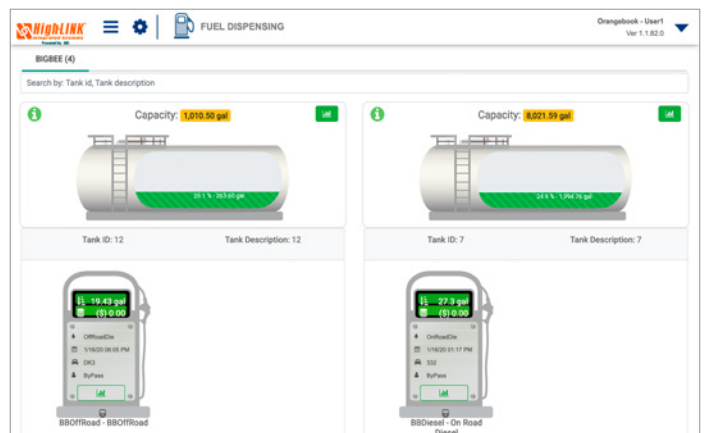
### System Bypass Key

### Maximum Distance from Host FuelShield

- 500 feet

### Pump Controls

- Relay Contact Rating: 15 AMPS
- Pulsar Type: Contact closure- dry contact
- Pulsar Input: 2-wire
- Pulsar Speed: 1000HZ



# Highland Tank®

## FuelShield Mini-RT



### FuelShield Mini-RT Specifications

#### Physical

- Cabinet Size 15.25" W x 9.0" D x 64.0" H
- Base Plate Footprint: 16.5" W x 10.0" D
- Foundation Connection:

#### Operating Voltages:

- 12/24 VDC or 110-230 VAC

#### Operating Temperature Range:

- Minus 32° to 135° F without heater
- Minus 55° to 135° F with optional heater

#### Control Panel Standard Features

- Keypad
- Dallas Key Reader
- Digital Display: 2-row, 16 block backlit

#### Access Panel (Locking, Rear):

- 13.625" W x 35.0" HD

#### System Bypass Key

#### Maximum Distance from Host FuelShield

- 500 feet

#### Pump Controls

- Relay Contact Rating: 15 AMPS
- Pulsar Type: Contact closure- dry contact
- Pulsar Input: 2-wire
- Pulsar Speed: 1000HZ

#### Construction:

- Welded steel
- Powder coated
- Rubber gasket access panel seal

#### Options

- Emergency Stop
- Cabinet Heater

### Controls - Combined with Hos FuelShield

- Up to eight (4) hoses
- Up to eight (4) level probes
- Unlimited drivers and vehicles

### User ID Options

- Dallas Key
- HID
- Magnetic Card
- PIN Pad

### Vehicle ID Options

- Dallas Key
- HID
- RFID
- Magnetic Card
- PIN
- Barcode Scanner

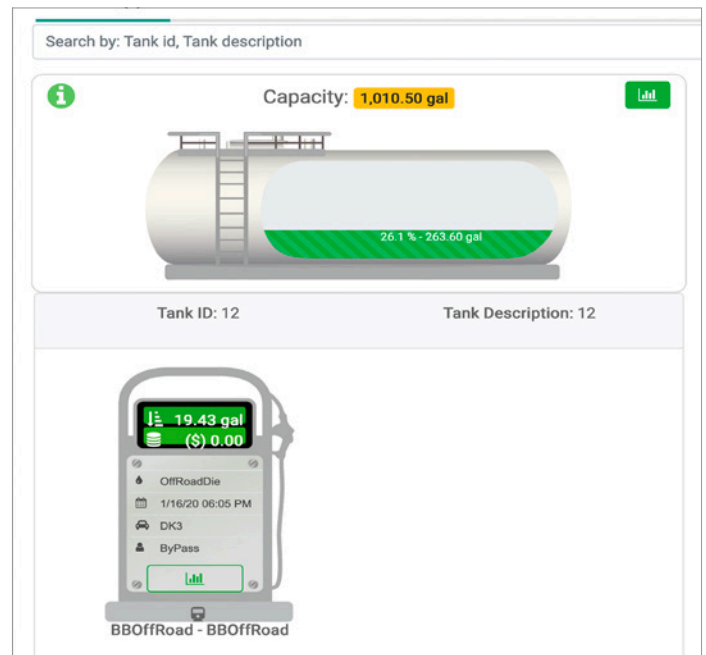
### Communication Options

- LAN

The FuelShield software module provides over 50 standard reports and multiple data filtering functions to provide users with big data analysis capabilities. User-defined custom reports are also available for tailored reporting.

Other FuelShield models are available for specific applications, limited service and added capability.

- FuelShield Management System
- FuelShield Plus - Includes LevelShield liquid level monitoring
- FuelShield Mini - 1-4 hoses, with various options



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Stoystown, PA 15563  
(814) 893-5701

#### Manheim, PA

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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  
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