

# Delivery Defender Lite Universal Remote Display

Part Number: RD7CTS-DD-L



## Description

**Delivery Defender Lite™ (DDL)** is a universal remote overfill alarm in a compact NEMA4X enclosure. This unit can connect to our **PROTEUS®** line of ATGs along with most industry standard Tank Gauging systems. The **DDL** provides delivery and alarm indication outside, where your fuel provider can observe current tank conditions. Equipped with high intensity sunlight visible LED indicators, high decibel horn/general alarm light, the **DDL** provides critical information to the filling operator.

### How it works:

When a tanker pulls on to the site the driver can easily see the illuminated green light, indicating the **DDL** is functioning normally. The driver can then test functionality by holding the push button for 3 seconds. If all indicators and horn activate and the "System Normal" light remains lit the driver has peace of mind that the system is operable.

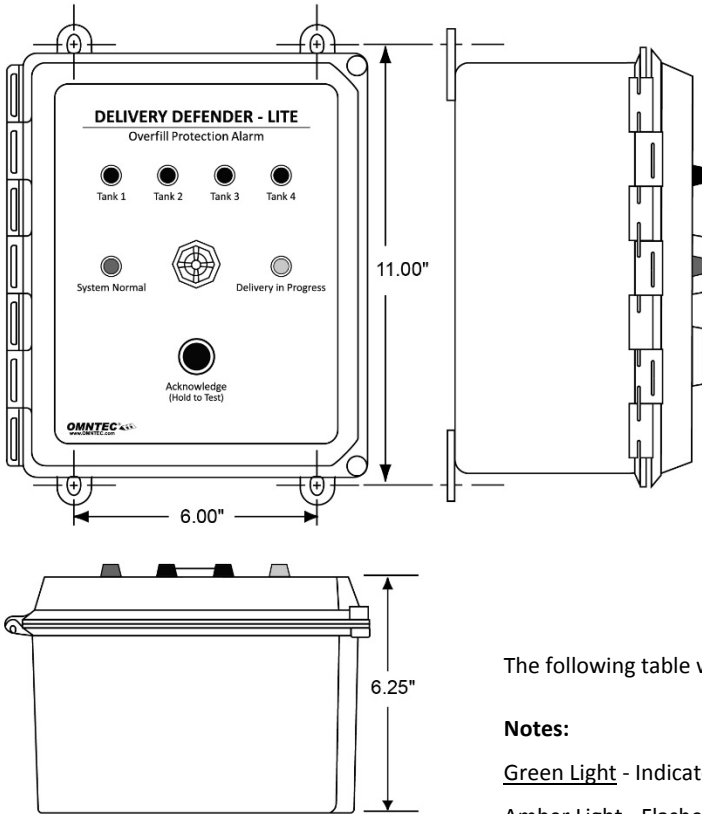
Providing enhanced delivery monitoring, once a drop has started, the **DDL's** "Delivery In Progress" will continue to flash until the delivery is complete.

Should a driver begin fueling a tank that is already in a high level state the **DDL** will respond by reactivating the general horn and light. This unique feature of the **DDL** make it the most powerful overfill protection accessory in the market.

## Features

- Sunlight visible LED indicators
- Easy to install
- Delivery in Progress Indicator
- Dedicated High Level Indicators Per Tank
- General Alarm Horn and Light
- Re-Alarms upon attempt to refill in High Level
- Wireless Option
- Connects to any industry standard ATG
- NEMA 4X
- Adjustable Horn
- RS232 Interface

**Delivery Defender Lite**  
**Universal Remote Display**  
**Part No. RD7CTS-DD-L**



Specifications	
<b>Input Power:</b>	100-240 VAC +/- 10% 50/60 Hz 60 watts
<b>Weight:</b>	6 lb.
<b>Dimensions:</b>	(W) 9" x (H) 10.5
<b>Communications:</b>	RS232 9600 Baud, 8 Data Bits, Parity None, 1 Stop Bit
<b>Accessories:</b>	<p><b>WRS-232</b> Wireless RS-232 link, includes both tank gauge and remote transceivers</p> <p><b>WRS-232R</b> Wireless RS-232 repeater for extending WRS-232 wireless reach</p> <p><b>RD-232C-75</b> 75 feet RS232 cable</p> <p><b>C232-422-RD7CTS</b> RS-232-422 booster kit to increase distance of RS-232 output</p>

Specifications subject to change without notice, verify with manufacturer.

The following table will explain the functions of the **Delivery Defender Lite™** (See Figure 1).

**Notes:**

Green Light - Indicates power available and there is proper communications with the ATG.

Amber Light - Flashes during delivery in progress.

Red Tank Lights - Indicates which tank has reached high level and remains illuminated until condition is satisfied.

General Horn/Light - Activates upon high level, overfill, max height, probe time out or ATG communication failure. **IMPORTANT!!!!** High level and overfill alarm thresholds are received and programmed at the main ATG.

Acknowledge Button - Acknowledges alarm conditions by deactivating general horn/alarm light.

If pressed and held for 3 seconds, tests all lights and horn.



1993 Pond Road  
 Ronkonkoma, NY 11779  
 Phone: (631) 981-2001  
 Fax: (631) 981-2007  
 E-mail: omntec@omntec.com  
 Website: www.omntec.com  
 Document No. DS00076 rev1641.docx  
 Rev Date: 10-14-2016

	Tank 1	Tank 2	Tank 3	Tank 4	Horn	System Normal	Delivery in Progress
<b>Normal Condition</b>							
<b>Pushbutton</b> (hold for 3 seconds to test)							
<b>Receiving Delivery</b>							 (flashing)
<b>High Level Alarm</b>							
<b>Overfill Alarm</b>							
<b>Communication Loss</b>							

Figure 1