



# Hose Module and Fuel Tag

Secure and Controlled Access to Gasoline and Other Pumped Fuels and Fluids



Hose Module with bracket and mounted on gas pump.

## Hose Module

### KEY FEATURES

- 100% secure
- CNG compatible
- Simple, fast installation
- Rugged construction for weather extremes
- Sturdy brass mounting brackets
- Push button activated or motion activated

Attached to the fuel pump nozzle, the Ward Hose Module reads data from a Ward Fuel Tag installed in a vehicle or asset that consumes fuel. During a fueling operation, the Hose Module transmits data to the Ward Fuel Control Terminal (FCT) via encrypted 2.4 GHz wireless communication.\*

User friendly design allows the driver to just pull up to the fuel pump, remove the nozzle from its cradle and insert it into the vehicle's filler neck. Motion or push button activated, the Hose Module is the

initial part of the automation of events by transmitting data used to validate and authorize vehicles, other fuel consuming assets and even gas cans prior to turning on the dispenser.

Built-in security features such as Loss of Signal ensure fueling is for only the authorized vehicle; the Hose Module will continue to check for signal presence during fueling. When the nozzle is removed, communication with the Fuel Tag is severed and the pump shuts off, terminating the transaction.



Hose Module on a CNG pump.



\* See the Ward Brochure for our Solutions Overview.





Fuel Tag and a Fuel Tag mounted.

## Fuel Tag

The Ward Fuel Tag works in conjunction with the Hose Module to initiate fueling. Easily programmed, its unique ID ensures only specified assets can initiate fueling and receive the correct fuel type and volume.

A small electro-magnetic antenna (EM) sealed inside the plastic enclosure provides reliable, short range communication for controlling access to fleet fuel pumps. Installed next to the filler neck, industrial grade ABS

plastic and long lasting internal battery withstands the harshest environments. Fuel Tags may also be mounted on hand-held assets such as lawn mowers, weed eaters, and gas cans as well as other small liquid containers.

When equipped with the Hose Module, Fuel Tags are compatible via RT with Ward CANceivers™ and FCTs for the most comprehensive, protected solution available.

## Specifications

### Hose Module

<b>Communication</b>	EM wireless interface with the JettScan and Fuel Tag
<b>Long Range</b>	2.4GHz RF interface between the Hose Module and FCT
<b>Temperature</b>	-40° F to 185° F (-40° C to 85° C)
<b>Dimensions</b>	2.7 x 2.97 x 1.8 inches (W x D x H)
<b>Certifications</b>	UL, FCC

### Fuel Tag

<b>Communication</b>	EM wireless interface the Hose Module and JettScan; 12 inch range
<b>Temperature</b>	-40° F to 185° F (-40° C to 85° C)
<b>Dimensions</b>	2.4 x .79 x 1.9 inches (W x D x H)
<b>Weight</b>	1.6 oz



**Ward**

8801 Tradeway  
 San Antonio, TX 78217  
 210.824.7383 | 800.580.WARD  
 info@ejward.com • www.ejward.com