



# ST-575-HWI Wireless Hour Meter

OEM DATA DELIVERY

DESIGNED & MANUFACTURED IN THE USA!

## 3-in-1 Engine Hour Meter: Cumulative, Idling and Working

Introducing the **ST-575-HWI** from OEM Data Delivery, the **only wireless hour meter** that has **cumulative, idling and working** hours based on engine operation.

In addition to the standard Cumulative Machine Hours (CMH), the ST-575-HWI has two additional hour meters for a complete view on how your equipment is operating:

- Cumulative Working Hours (CWH)
- Cumulative Idling Hours (CIH)

This rugged device can go on any make and model of equipment. With its sturdy wiring harness, it resides outside the electrical system and won't affect the computer system of newer equipment.

The **ST-575-HWI** is equipped with a push button for calibration and asset identification within the various OEM DD fuel systems. It has a red LED for a

visual indication of the wireless hour meter state: ignition off, idling or working.

The ST-575-HWI is engineered for the severe environments in construction, aggregate, landfills, rental, and other rugged off-highway operations.

**The ST-575-HWI is a simple and powerful tracking device.** Customers use the tool to:

- Slash equipment hours manual collection time for revenue and productivity reports
- Eliminate injuries due to climbing equipment to check the hour meter
- Prevent wasteful data entry errors
- Cut abusive and expensive engine idling practices
- Ensure Preventive Maintenance services are performed on time



### About Us

We are a division of OEM Controls, Inc., a

technology, design and manufacturing company specializing in rugged, custom and wireless data delivery systems for the off-highway market.



We have been very successful implementing solutions for companies that are frustrated with their remote equipment monitoring, fuel spoilage, lost tax rebates, or expensive, untrustworthy data. We have substantially improved our customers' ability to track, capture and deliver vital equipment data, while slashing their staff's time spent on messy paperwork.



# Technical Specifications

ST-575-HWI



- **Environment**
  - Temperature: -40°C to 70°C
  - Weather resistant- IP67
- **Casing** - Flame-retardant ABS
- **Power Consumption** - 0.26W typical
- **Input Voltage** - 9V to 32V
- **Connectivity** - 2.45 Ghz radio, 802.15.4 physical layer
- **Warranty** - Standard one-year warranty
- **Harness** - Power, ground, ignition, six digital inputs, six digital outputs
- **Red LED** - For alarms display and communication diagnostics
- **Buttons** - Push button for calibrating and identification in the fueling process.
- **Radio Frequency**
  - 2.45GHz
  - 802.15.4 Compliant
  - 100 yards (line of sight) transmission range
- **Regulatory** - FCC 15.247 and RSS-210
- **GPS Location** - Via GoPOD and/or MiniPOD
- **Installation Time** - Under 45 Minutes
- **Equipment Make, Model, and Year** – Compatible with all.
- **Data Format** - Extensible Markup language (XML), Open Database Connectivity (ODBC), Comma-Separated Value (CSV), and others.

**Data capture by the GoPOD, MiniPOD and MiniPOD Fuel.** These data capture systems are installed in lube/fuel trucks, lowboy trucks, and supervisor's vehicles.

As these "POD" equipped vehicles drive-by the wireless hour meters the data is captured and its GPS location is identified. From the POD, all of the equipment data captured is transmitted via cellular connection.

A stationary data capture mode is also available. In this method, the MiniPOD is located at a gate, parking area, or outside a field office. As the equipment passes-by the data is captured.



For more details visit [www.oemdd.com](http://www.oemdd.com)



## EQUIPCHAT

Equipchat software ([equipchat.com](http://equipchat.com)) provides the email reports, scoreboards, rapid-entry forms and scorecards to effectively implement and manage an engine idling management program. The hardware tracks the data; the software facilitates the changes in behavior.



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— OFF-HIGHWAY EQUIPMENT MANAGEMENT —