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1-800-568-9188

YOUR COMPLETE TRUCK & TRAILER TIRE MANAGEMENT SOLUTION

ACCURATE & RELIABLE REAL-TIME MONITORING EQUALS INCREASED SAFETY & COST SAVINGS

Valor's true "Drop-and-Hook" technology is just one feature that makes our tire pressure and temperature monitoring system the best choice in the industry.

Using the Valor system to manage your fleet allows you to hook-up any truck with any trailer as the system automatically pairs and reads all wheel positions and updates the system in **real-time**. This means your fleet gets on the road quickly and safely!

IT'S ALL ABOUT THE SENSOR!

Valor engineers and manufactures its sensors to provide exceptional reliability and accuracy for both **pressure and temperature** measurement.

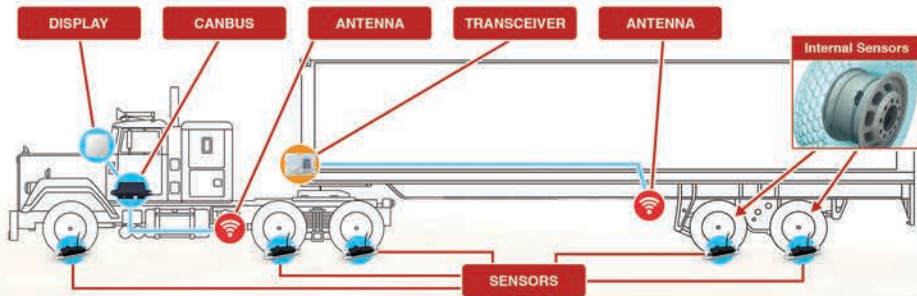


**True "Drop-&-Hook"
Tire Pressure &
Temperature
Monitoring**



*Valor's patented TPMS solution
monitors both your tire pressure
and tire temperature ... IN REAL TIME!*



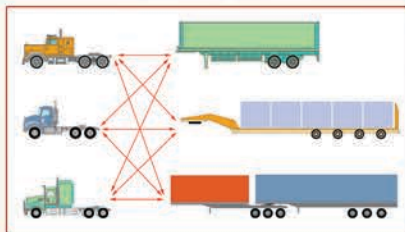


5 SIMPLE COMPONENTS, 1 COMPLETE SOLUTION!

SENSOR: The Internally-mounted sensor monitors your tire's temperature and pressure.

ANTENNAS, TRAILER TRANSCEIVER & CANBUS: The antenna receives data wirelessly from the sensors and trailer transceiver, and then transmits into the cab via the CANBUS.

DISPLAY (optional): Utilize your Telematics solution or Valor's Display to visualize data in Real-Time.



TRUE, AUTOMATIC DROP AND HOOK
 Valor's innovative drop and hook solution has been designed specifically for the trucking industry to overcome the tire monitoring setup challenges of regular truck-and-trailer interchanges. Our solution pairs your trucks to your trailers wirelessly and automatically, and this saves you time, saves you money, and helps to get you on the road safely.

TELEMATICS INTEGRATION

The Valor TPMS solution is equipped with a CANBUS interface to enable real-time monitoring of your entire fleet's tire pressure and temperature through seamless integration with your existing telematic service provider.



ACCURATE & RELIABLE REAL-TIME MONITORING EQUALS INCREASED SAFETY & COST SAVINGS

The Valor Tire Pressure and Temperature Monitoring System (TPTMS) has been specifically engineered to meet the challenges of fleet management in reducing tire maintenance and fuel costs while increasing safety.

Our patented solution monitors your tires in Real-Time and consists of internally-installed sensors that measure air pressure AND temperature within your tires every 4 seconds, and transmits these values wirelessly to the cab directly or via a trailer transceiver every 30 seconds.

The display identifies each tire and evaluates the data, indicating the position and corresponding air pressure & temperature of each tire, and alerts the driver if any problems are detected. The tire information can be downloaded or sent to fleet headquarters in real-time allowing for immediate, proactive fleet management.

HOW IT WORKS

- ▶ The internally mounted sensor is installed in each tire and measures air pressure and temperature every 4 seconds.
- ▶ Setting or resetting the baseline tire pressure is a simple process through the Hand Tool.
- ▶ Tire data is wirelessly transmitted from the sensors to the CANBUS via installed antennas and transceiver.
- ▶ The display identifies the sensor position, evaluates the data, then displays the air pressure and temperature.
- ▶ In the event a problem is detected, the driver is alerted immediately. A built-in function can be enabled that would activate an aftermarket LED warning light to alert the driver.
- ▶ Tire data is stored every 30 minutes under normal conditions, while "exception" data is stored every 30 seconds.

FEATURES

- ▶ Checks both air pressure and temperature
- ▶ Monitors 24 hours a day
- ▶ Displays tire and axle position; up to 24 axles and 144 tires in a 3-Trailer and Tractor combination
- ▶ Automatic "drop-and-hook"
- ▶ Immediate warning for:
 - High Pressure
 - Low Pressure
 - Slow / Fast Leakage
 - High Temperature (over 175° F)
- ▶ Internally installed sensors - Safe & Secure
- ▶ Internal data storage
- ▶ Long lasting battery life - 5-7 years
- ▶ J1939 compliant

Tires are the single largest contributors to your fleet's operating costs. Properly inflated tires save money. Valor's patented TPMS solution monitors both your tire pressure and tire temperature ... IN REAL TIME!



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