



LED Lighting & Recreational Accessories
for the RV and Boating Industry



TIRE PRESSURE AND TEMPERATURE MONITORING SYSTEM (TPMS)



EezTIRE TPMS 515 System

The EezTIRE TPMS 515 SYSTEM is an easy to use top of the line, wireless tire pressure and temperature monitoring system for the RV and transportation industries. The system comes with a monitor that can handle up to 22 wheels and up to 189 psi if needed. The sensors have replaceable batteries meaning you will never be faced with a unusable sensor due to a failed battery. Unlike some systems which rely on a preprogrammed mathematical formula, the EezTIRE system allows the user to set their own parameters. No more relying on percentages or reprogramming when you take a sensor off. It is one of the easiest systems on the market for installation and operation.

Our system is designed as a safety feature to allow drivers to monitor both the tire pressure and temperature of the tires on their RV, truck, trailer or tow vehicle. There are several benefits to using the **EezTIRE TPMS 515 SYSTEM**; when a tire failure occurs on a trailer or tow vehicle significant damage can occur before the driver has any knowledge of the blowout. In addition, tires running at optimal tire pressure and temperature will improve your fuel economy and extend the life of your tires.

The **EezTIRE TPMS 515 SYSTEM** is the most economical, environmentally friendly solution for your RV, tractor, trailer and tow vehicle needs.

MONITOR FEATURES

- Large screen monitor - *One of the largest on the market at 3 1/2 inches*
- Includes both accessory plug in charger and hardwire kit
- Rechargeable lithium ion battery which holds a charge for up to 60 hours of continuous use
- Monitors up to 22 tires and can be customized to your needs
- Multiple alert indicators: *audible alarm, red light on monitor will flash, and corresponding icon on monitor will flash with a plain English description of the problem*

SENSOR FEATURES

(Anti-Theft and Flow-Through sensors available)

- Sensor replaces existing valve caps and have a theft resistant outer housing which spins freely so it cannot be removed by hand - easy to use installation wrenches included
- Uses the latest German IC technology, have easy to change replaceable batteries (common CR 1632 can be purchased at most drugstores), 3-4 year battery life
- Light weight – no need for rebalancing tires
- Monitors both pressure and temperature
- Axles can be set to a different pressure, for tow & towed vehicles
- Alerts on low pressure, high pressure, rapid air loss (catastrophic failure) and high temperature

Operational Temperature	-4°F to 176°F
Storage Temperature	-22°F to 185°F
Charger Input Voltage	DC 8 to 30V
Transmission Frequency	433.92 MHz
Size	4.5 (L) x 2.67 (H) x 1.1 (W)
Weight	4.87 Ounces

Operation Temperature	-40°F to 176°F
Storage Temperature	-40°F to 185°F
Pressure Range	0 to 13 bar, 0 to 188 psi
Pressure Accuracy	±1.5 PSI (+0. Bar)
Temperature Accuracy	±5° F
Transmission Power	<10dBm
Transmission Frequency	433.92 MHz
Battery Life	3-4 Years (CR1632 -40°F to 176°F)
Size	Anti-Theft Sensor Diameter .89 in. - Height .89 in. (without antitheft housing) Diameter 1.10 in. - Height .94 in. (with antitheft housing) Flow-Through Sensor Length 2 1/4 in. - Width 1 in.
Weight	Anti-Theft Sensor .5 ounces (without antitheft housing) .63 ounces (with antitheft housing) Flow-Through Sensor .78 ounces (with antitheft housing)

TRANSCIVER (OPTIONAL PARTS)

A optional transceiver (booster) is available, the transmitting range for the **EezTIRE TPMS 515** sensors is up to 53 ft., consideration should be taken for inner dual wheels, overhanging body work, metal tinted windows, the size of the tow vehicle, etc. which can block the signal strength.

IMPROVED VEHICLE & DRIVER SAFETY

Recent research by the NHTSA indicated that 50% of all RV tires are under-inflated. A tire with 30% less pressure looks like a properly inflated tire. Properly inflated tires improve vehicle handling, steering and braking distance. These properly inflated tires grip the road better in conditions (especially in rain and snow) and shorten stopping distance. An under-inflated tire results in a higher temperature, potentially leading to tread separation or a blowout. Over-inflated tires can have uneven wear and make tires more prone to road hazard damage.

When driving a vehicle with a tow-vehicle behind, there is almost no indication of a problem until it is too late and a blow-out occurs. With the **EezTIRE TPMS 515 SYSTEM** in your cab, it will help to avoid the risk of blow-outs.

IMPROVED FUEL ECONOMY

Under-inflated tires lead to increased friction and as a result, a lower M.P.G. A recent study by the US Department of Energy was carried out to ascertain the impact of low tire pressure on vehicle tires. Each 9 psi drop in air pressure will cause a 4% increase in fuel consumption and shorten your tire life by 40%. Having your RV tires running under proper pressure will have a significant impact on the cost of running your RV.

EXTEND TIRE LIFE

A 20% under inflated tire has a running life of 30% less; a 30% under inflated tire has a running life of 45% less and 20% overinflated tire has a running life of 10% less. So keeping your tires in proper pressure levels will help to prolong your tires lifetime.

Operational Temperature	-4°F to 176°F
Storage Temperature	-22°F to 185°F
Working Voltage	12 to 24V
Transmission Power	<18dBm
Transmission Frequency	433.92 MHz
Size	Length 3.¼ in. - Width 1½ in.
Weight	1.48 ounces

SYSTEM ACCURACY

Our sensors are very accurate and any gauge readings should be made after resetting the sensors. The tire pressure is accurate within +/- 1.5 psi, measurements of 1 psi need a controlled laboratory type system to be accurate. Temperature is accurate to within +/- 5 degrees F. The pressures and temperatures can vary dramatically from wheel to wheel depending on many factors, such as sun shining on one side, vehicle load, castor/camber/alignment/brake temps. Even race cars turning left all the time generate higher pressures and temperatures on one side.

WARRANTY AND TECHNICAL SUPPORT

The **EezTIRE TPMS 515 SYSTEM** comes with a 3 year limited warranty on defective parts except batteries. EEZ RV PRODUCTS offers 24/7 Technical Support.

****Unlike some systems from other suppliers that just measure pressure the **EezTIRE TPMS 515 SYSTEM** measures internal tire air temperature and has an over temperature alarm. This can be an advantage on vehicles that are stored for long periods of time where brake calipers can stick after the first brake application and cause a dragging brake situation. As well as a back up to the low pressure alarm as increased internal tire temperature is caused by low or reduced air pressure.*



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P.O. BOX 25766 • YUMA, AZ 85367 • PHONE (510) 910-5397 • E-mail: sales@eezrvproducts.com

www.eezrvproducts.com