

Industry Leading  
Two-Year Warranty

Not the  
change you  
left home to  
experience?

## DORAN 360RV™

Tire Pressure Monitoring System for RV,  
Trailer and Tow Vehicle Applications



### Overview

A flat tire can ruin a nice, relaxing trip and is potentially expensive and dangerous. The Doran 360RV™ tire pressure monitoring systems continuously analyze and communicate the tire pressures on your motor home, fifth wheel or tow car ensuring the safe and comfortable ride that you expect.

#### The Doran system includes the following important features:

- Reliable performance and simple programming of the desired baseline tire pressures for all of the tires that you want to monitor
- Multiple visual and audible warnings, including FastLeak™ warning that is triggered when the pressure drops by 4.5psi in less than 16 seconds
- Extremely durable spin-welded sensors include a potting material which encapsulates and stabilizes the internal components and are built with a unique three-piece seal design to maximize valve core depression and minimize leaks

Tire Inflation Security for Every Mile





# Unique Advantages

## Longer Lasting Product

- The system has been designed, and tested by an independent a2La accredited lab, to meet stringent SAE standards for vibration, temperature variation, mechanical shock and chemical resistance
- Your investment in a Doran 360RV™ is protected by an industry leading two-year limited warranty

## Multiple Alarm Settings

- Standard low pressure warnings are activated at 12.5% and 25% below the programmed baseline tire pressure
- A FastLeak™ alarm is triggered with a 4.5psi drop in less than 16 seconds which lets the driver know that there has been a sudden drop in pressure that needs to be addressed
- A high temperature alarm goes off when the temperature of a sensor reaches 175° F which indicates a potential problem with the tire

## Simple and Customizable Programming and Installation

(approximately 30-45 minutes)

- The digital monitor/display is easily customized to fit your RV/trailer/tow car setup and comes pre-wired with a 12-volt plug adapter
- The Doran 360RV™ system comes with a pedestal mounting kit and visor clip/fastening tape kit to provide multiple options for the monitor/display
- Each sensor is laser etched with a unique serial number to allow you to program the specific baseline tire pressure that you want to maintain in each tire location
- Sensors are simply screwed on to the valve stems to activate the RF signal and transmit data
- An optional patented Sleep Mode can be activated by hard wiring the monitor which will store any alarms until the ignition is turned on



## MONITOR/DISPLAY



- Digital LCD screen with backlit display for optimal visibility
- Patented Green Means Good™ indicator light provides at-a-glance confidence that the system is working properly
- Both audible and visual alarms are activated to notify the driver and the display identifies the specific tire location with updated data

## WIRELESS TIRE PRESSURE SENSORS



- A lithium-ion battery, with a design life of five years, is built-in to each sensor
- Batteries are not replaceable to protect the integrity of the seal and minimize the potential damage to the electronics
- The high impact, thermal resistant, nylon housing is spin-welded to prevent air leaks and eliminate the potential for outside contaminants
- A potting material is inserted into each sensor to stabilize and protect the internal components

SENSOR SPECIFICATIONS		MONITOR SPECIFICATIONS	
Pressure Range	10 to 188 psi	Power Requirement	12 VDC
Accuracy	+/- 2 PSI over the pressure range	Current Draw at 12VDC	Normal Mode: <77mA Alarm and Backlight: <115mA Sleep Mode: <70mA
Operating Frequency	434.10 MHz	Tire Positions	1 to 36 wheels
Operating Temperature Range	-40°F to +257°F	Low Pressure Alerts	12.5% and 25% below the baseline tire pressure
Storage Temperature Range	-40°F to +257°F	Fast Leak™ Alert	4.5psi drop within 16 seconds
Battery	internal, non-rechargeable & non-replaceable	High Temperature Alert	175° F
Dimensions	1.15"W X 1.30"H	High Pressure Alert (optional)	25% above the programmed baseline tire pressure
Weight	.83 oz	Dimensions	5.65"W X 2.16"L X 1.14"D
		Weight	5.40oz

*Optional interior and exterior signal boosters are available for diesel pusher and tow car applications*

**About Doran Manufacturing, LLC:** Cincinnati, OH-based Doran Manufacturing has been supplying high quality transportation safety products for over 35 years. In addition to tire pressure monitoring systems, Doran supplies LED and incandescent Exterior Light Monitors, Sleeping Child Checks®, Emergency Exit Monitors and a full range of LED lighting products to the school bus market. Doran continues to manufacture customized electric terminals and terminal boards in the original factory that was established in 1954.

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