



翔鑫科技股份有限公司

Oro Technology Co., LTD

無線胎壓監測器

Tire Pressure Monitoring System

型號 : W206

FCC

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with FCC Rules. Operation is subject to the following conditions:

- (1) Incorrect installation, improper usage or radio waves interference may cause unexpected operation of this device.
- (2) If this device does cause harmful interference to any electronic products or appliances, the user may increase the distance between the electronic product and this device or remove this device.

System Scope of Use and Warnings

■ System Installation and Usage

Use of the TPMS requires that qualified personnel according to the instructions here have properly installed it. This system is suitable for use on a passenger car, SUV and 4X4 tires, with up to maximum cold inflation pressure of 600kPa=87 psi (Gauge) or 700kPa=101psi ([Absolute](#)). All instructions below use Gauge as a reference.

■ Reacting to Alerts

When an alert or warning is received, reduce vehicle's speed and proceed to a safe location to stop where the tire can be inspected and /or serviced.

The low-pressure alert indicates that the air pressure has dropped to a selected minimum while a high-temperature alert indicates that the temperature of the tire content has surpassed the threshold value set.

Caution

The system is a wireless RF product and may not receive a signal due to poor environmental conditions, incorrect operation or incorrect installation. When the system continuously cannot receive any signal from any tire sensor for more than 10minutes since the system has been switch on, the display will show " E2 " and activate the RED abnormal LED light along with an alert sound. If moving the vehicle to a different location to eliminate RF interference does not fix the problem, it is advised to take the car to a qualified tire maintenance center.

W206 Tire Pressure Monitoring System

ORO-W206 Tire Pressure Monitoring Systems (TPMS), can monitor and provide tire pressure and tire temperature information in real time. This real time information can extend tire life, reduce fuel consumption, and provide a more safe driving condition.

ORO-W206 Tire Pressure Monitoring System includes 2 tire sensors, and 1 receiver display. The TPMS monitors the pressure/temperature by snap-in installation into the wheel, and transmits the tire information wirelessly to the receiver. The TPMS display will trigger an alarm when any abnormalities happen to the tire in order to prevent any possible accidents that may happen to the driver/vehicle.

W206 TPMS Specification

1. Transmitter Module Specification	
Battery Life	Up to 5~ 7 years in normal use
Power Supply	3 V Lithium battery
Operating Humidity	Max 95%
Storage Temperature	-40 °C to 125 °C
Operation Temperature	-40 °C to 115 °C
Transmitting Power	Max 75 dBu/m
Transmitting Frequency	433.92 MHz
Pressure Monitoring Range	0 ~ 116 psi (or 0~800 kPa or 0~8 bar)
Pressure Reading Accuracy	±1 psi (or ±7 kPa ; ± 0.1 bar)
Temperature Monitoring Range	-30 °C to 115 °C
Temperature Reading Accuracy	±3 °C
Module Weight	12g ± 1g

2. Receiver Module Specification	
Power Supply	DC 9V ~ 16V
Operating Humidity	Max 95%
Operation Current	<200mA at DC 12V
Storage Temperature	-30°C to 85 °C
Operation Temperature	-25°C to 85 °C
Pressure Display Range	0 ~ 116 psi (or 0~800 kPa or 0~8 bar)
Temperature Display Range	-30 °C to 115 °C

W206 Systems Operation

1. Display Signals Description :



F : Front Tire R : Rear Tire kPa
bar
psi : Pressure Unit ! : Abnormal Tire Condition Signal °C
°F : Temperature Unit
● : Tire status Signal ! : Abnormal Tire Condition Signal 8.88 : Tire Pressure/Temperature Display Unit

2. Operation to Change Display Mode :

W206 has 2 different modes. They are Tire Pressure Display Mode and Temperature Display Mode. The display will show the tire pressure mode once it is turned on. To enter the temperature mode press the **MODE button** once. The system will continuously monitor the tire pressure, tire temperature, no matter what kind of information is being displayed and will notify the driver whenever anything abnormal happens. If the user does not change from the factory default, the system will show the tire pressure display. The 2 modes of display are as follows:

- a. Pressure Display Mode: Display tires pressure.
- b. Temperature Display Mode: Display tires temperature.

3. How to Change the Unit of Tire Pressure and Temperature :

W206 displays 3 kinds of pressure units, bar, kPa and psi. For temperature, Celsius or Fahrenheit can be displayed. To change the factory default for pressure or temperature, press the **MODE button** for 3 sec °

4. How to Modify Factory Default :

W206 has 3 factory default modes for users to choose from. Press the **SET button** continuously for 3 sec. to enter the set up mode from Front Tire-Standard tire pressure set up, Rear Tire-Standard tire pressure set up, Tire Temperature-Over Temperature Warning.

Product Warranty Policy

We warrant our products for 12 months from the date of original purchase to be free from defects in materials and workmanship. If, during this period, the product fails under normal usage, because of a manufacturing defect, we will replace or repair the item. To obtain repair or replacement under the terms of this warranty, please return the product to the place of purchase. Proof of purchase and date of purchase are required to validate the warranty claim. In the event where proof of purchase is unable to be determined, the warranty will be just 6 months.

The following situations void the warranty even when within warranty time period.

1. Broken or damage on appearance of the product.
2. The barcode label is not clear or torn.
3. The user did not follow the user manual instructions on installation, incorrect installation, or improper storage, which made the system fail or be damaged.
4. The system has been installed by non-authorized distributor or technician from ORO.
5. When the user is not using the original manufacturer's accessories (eg: Power code) thus causing the system to fail.
6. Any natural catastrophe, improper installation, improper usage, or any re-modelling process without authorization.
7. Consumables such as batteries which should be replaced on time.

Caution

The range of warranty are not including the "Aluminum Valves" and "Screws", the user should change the "Aluminum Valves" and "Screws" when changing the tire sensor.

Attention

Any user self repairing or modifying the system included the device are NOT protected under the warranty policy.

Any other question which related to the warranty policy, please feel free to contact with your nearest authorized distributor or contact directly with ORO by emailing: sales@oro-technology.com

For ORO TPMS latest and updated news, please go to: www.oro-technology.com

ORO Technology thanks you for your using ORO TPMS and wishes you "Safe Driving."

Appendix

bar	Tire pressure unit, 1 bar = 0.1N / mm ²
psi	Tire pressure unit, 1 psi = 0.0689 bar.
kPa	Tire pressure unit, 1 kPa = 0.01 bar
°C	Temperature unit, Centigrade = (Fahrenheit-32) x 5/9
°F	Fahrenheit