

Slim monitor  
and tiny  
transmitter,  
innovation in  
technology,  
indication of  
TPMS prospect

After market

# 1209C01

Tire Pressure Monitoring System

After Market



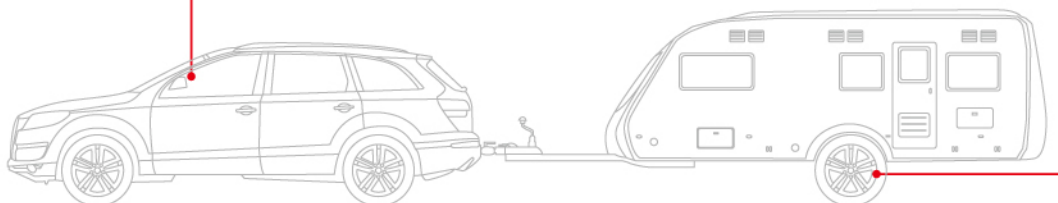
Monitor Installation



System Group Parts



Transmitter Installation



## General Description

TPMS1209C01 is an aftermarket model, designed for cars, off-road and commercial vehicles. The system consists of small & light transmitters, flip-cover type & streamline monitor. Perfect DIY design, complete in functions, stable and reliable in performance. The system can be used on four-wheel car, and also can be used for car towing a trailer with all 6 tires monitored. The system is an ideal choice for customers who pursue the exquisite and security of life.

## Product Functions

### Alarm Functions

- High Temperature Alarm** issued when tire temperature exceeds 75°C
- Low Pressure Level 1 Alarm** issued when tire pressure is 12.5% lower than the standard pressure
- Low Pressure Level 2 Alarm** issued when tire pressure is 25% lower than the standard pressure
- Low Pressure Level 3 Alarm** issued when tire pressure is 50% lower than the standard pressure
- High Pressure Alarm** issued when tire pressure is 25% higher than the standard pressure
- Fast Leak Alarm** issued when pressure inside the tire drops more than 3psi within 12s
- Transmitter Trouble Alarm** issued when transmitter fails to work or there is RF interference
- Warning of Low Battery Power** issued when battery inside monitor has low power

### Operation Functions

**Switch Power Supply Mode Automatically:** dual power supply modes, rechargeable battery and vehicle power through a lighter plug can be switched automatically to ensure full-time monitoring

**Sleep Mode:** the monitor will enter sleep mode for power saving when vehicle is static

**Transmitter ID Inquiry:** transmitter ID can be programmed for easy replacement

**Alarm Record Programming:** automatically record the latest 10 alarm records

**Standard Pressure Programming:** standard pressure for each tire can be programmed on monitor

## Product Features

- ◆ Flip-cover type monitor, adjustable viewing angle of LCD display
- ◆ Dual power supply modes with lighter plug or batteries
- ◆ Light and small transmitter, easy to install
- ◆ Transmitter adopts high-performance materials, suitable for application in various environments
- ◆ DIY design for easy and simple installation
- ◆ Suitable for various cars, SUVs and commercial vehicles

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## Parts

### Monitor

- ◆ Delicate design of slim body
- ◆ High quality surface processing
- ◆ Adjustable viewing angle for easy view
- ◆ Can be placed at various positions in the vehicle
- ◆ Color well matches the vehicle interior decoration
- ◆ Perfect layout of buttons
- ◆ Large LCD with all needed information displayed

Mid-frequency: 433.9MHz  
Receiving Sensitivity: -95dBm  
Input Voltage: 1.5V X 2(Battery)  
5V(Lighter Plug)  
Operating Temperature: -30℃~+75℃  
Dimension: 92x69x20mm



### Transmitter

- ◆ Light&small transmitter, easy to install, weight less than 9 grams
- ◆ High-performance material with good durance, high pressure and temperature resistant
- ◆ Water-proof and resistant to oil and dust etc
- ◆ High precision monitoring of tire pressure and quick response
- ◆ Monitoring of spare tire upon request

Mid-frequency: 433.9MHz  
Transmitting Power: -10dBm  
Pressure Monitoring Range:  
0~6bar/0~87psi  
Pressure Monitoring Precision:  
±0.1bar/±1.5 psi  
Operating Temperature: -40℃~+85℃  
Battery Life: 2 years  
Dimension: Φ20.5x20.5mm



### Dual Power Supply Modes

Lighter plug and batteries. Monitor can switch the 2 modes automatically to ensure monitoring of pressure anytime, safe and convenient.

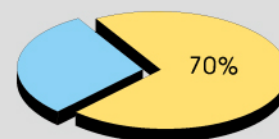


### Benefits of Car TPMS to Customers

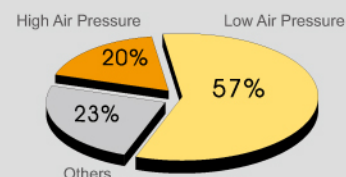
- ◆ Prevent tire bursting, reduce hidden danger on tire safety
- ◆ Reduce tire wear, extend tire life
- ◆ Reduce fuel consumption and lower vehicle operation costs for the enterprise
- ◆ Reduce pollution of exhaust gas to the environment, promote environmental protection
- ◆ Reduce the non-normal wear and tear of vehicle shock absorber, suspension parts and other related parts
- ◆ Keep tires under normal pressure, improve ride comfort of vehicles
- ◆ Maintain normal braking effect, reduce occurrence of accidents

### Benefits for Distributors

- ◆ Enlarge the product ranges, enrich types of products of profitability
- ◆ Highlight the business sense of distributing automobile accessories, upgrade the level and image of store
- ◆ Enhance corporate brand image on safety and driving comfort



▲ Traffic accidents caused by tire bursting



▲ Tire bursting factors