

Intelligent monitor  
with large LCD,  
transmitter with  
large pressure  
range, perfectly  
combine  
engineering  
design and  
technology

After market

# 1209T07

Tire Pressure Monitoring System

After Market



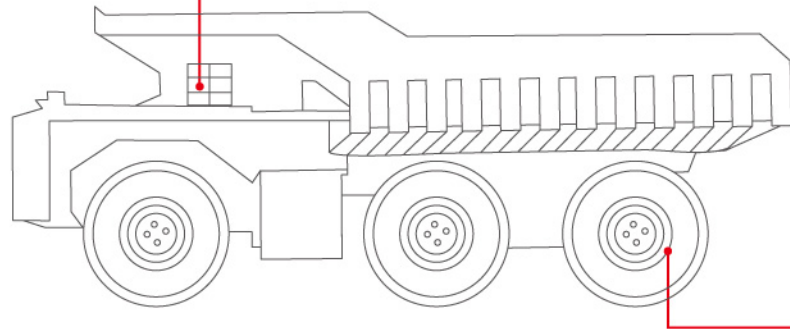
Monitor Installation



System Group Parts



Transmitter Installation









## General Description

TPMS1209T07 is specifically designed for wheel constructional machinery, system consists of monitor, transmitter and hand tool. Large memory can store massive information for download. It is an effective tool to control costs, improve safety performance and enhance efficiency.

## Product Function

### Alarm Function

-  **High Temperature Alarm** issued when tire temperature exceeds 90 °C
-  **Low Pressure Level 1 Alarm** issued when tire pressure is 10% lower than the standard pressure
-  **Low Pressure Level 2 Alarm** issued when tire pressure is 15% 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

### Operation Function

- Transmitter ID Programming:** transmitter ID can be programmed for easy replacement
- Alarm Record Inquiry:** automatically record the latest 10 alarm records
- Standard Pressure Programming:** standard pressure for each tire can be programmed on monitor
- Pressure and Temperature Unit Selection:** pressure and temperature unit can be selected

## Product Features

- ◆ Powerful system functions, including low pressure alarm, fast leak alarm, standard pressure programming etc
- ◆ Connect to vehicle continuous power, ensure full-time monitoring
- ◆ Large pressure range, suitable for engineering vehicle
- ◆ Monitor up to 38 tires
- ◆ Record tire pressure, temperature and alarm information etc for easy inquiry
- ◆ Download tire pressure, temperature and alarm data etc via USB port
- ◆ Simple operation for function programming and inquiry

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## Parts

### Monitor

- ◆ Monitor with industry design, match the interior decoration perfectly
- ◆ Alarm issued in audio and visual etc, can be noticed even in noisy environments
- ◆ Adjustable LCD display view angle
- ◆ Large LCD to display pressure or alarm information
- ◆ White LCD backlight for easy screen view
- ◆ Reasonable button layout for easy programming and inquiry of functions
- ◆ Connect to continuous power supply to ensure full-time monitoring

Mid-frequency: 434.1MHz  
Receiving Sensitivity: -105dBm  
Input Voltage: DC 12V /24V  
Operating Temperature: -30℃~+75℃  
Dimension: 173x102x53mm



### Transmitter

- ◆ Screw-on transmitters, beautiful appearance and easy to install
- ◆ High-strength material, wear-resistant and resistant to high pressure and high temperature
- ◆ Water-proof and resistant to oil and dust etc
- ◆ High precision monitoring of tire pressure and quick response
- ◆ Security lock for safe use
- ◆ Large pressure range with high precision

Mid-frequency: 434.1MHz  
Transmitting Power: 0dBm  
Pressure Monitoring Range: 0~13bar/0~188psi  
Pressure Monitoring Precision: ±0.15bar/±2psi  
Operating Temperature: -40℃~+125℃  
Battery Life: 4~5 years  
Dimension: ∅30x39mm



### Hand Tool

- ◆ Light and portable design
- ◆ Humanization design, single-hand operation
- ◆ Reasonable button layout, easy for programming and inquiry of functions
- ◆ Easy menu operation

Mid-frequency: 434.1MHz  
Receiving Sensitivity: -95dBm  
Transmitting Power: 0dBm  
Input Voltage: DC 9V  
Operating Temperature: -30℃~+75℃  
Dimension: 210x110x30mm

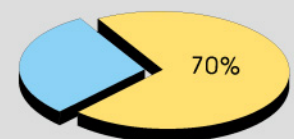


### Benefits of TPMS to Customers

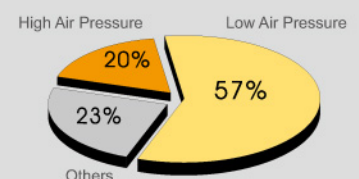
- ◆ Prevent tire bursting, reduce hidden danger on tire safety
- ◆ Reduce tire wear, extend tire life
- ◆ Reduce fuel consumption and lower vehicle operation costs for the enterprise
- ◆ Reduce pollution of exhaust gas to the environment, promote environmental protection
- ◆ Reduce the non-normal wear 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