

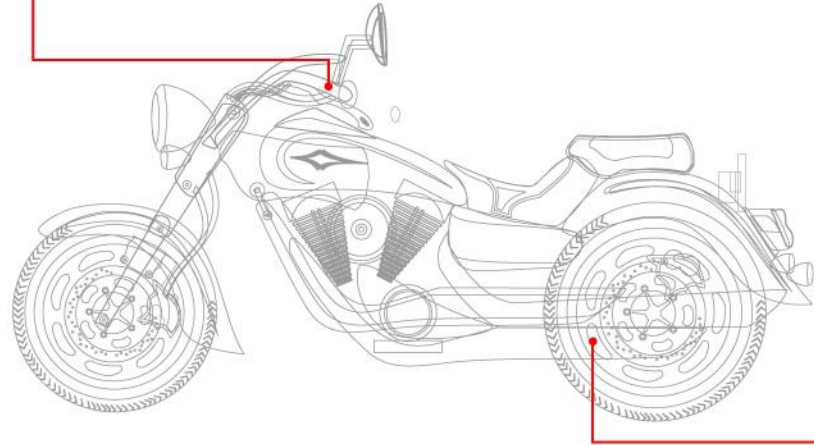
Complete DIY  
design combines  
flexibility and  
convenience,  
Innovation  
leads the trend

After market

# 1209M01

Tire Pressure Monitoring System

After Market



## General Description

TPMS1209M01 is specifically designed for two or three-wheel motorcycles and ATVs. The system consists of waterproof, weatherproof and antiglare monitor and screw-on transmitters. It matches the structure of a motorcycle, an ideal choice for customers with sense of speed and fashion.

## Product Functions

### Alarm Functions

- ⚠ **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
- Transmitter Trouble Alarm** issued when transmitter fails to work or there is RF interference

### Operation Functions

- 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 Unit Selection:** pressure unit can be selected

## Product Features

- ◆ Small and delicate, install on handle bar for easy screen view
- ◆ Connected with continuous vehicle power, ensure full-time monitoring
- ◆ 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 motorcycles

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## Parts

### Monitor

- ◆ Perfectly match with motorcycle body
  - ◆ Install on handle bar, easy and durable
  - ◆ Clear view of screen under direct sunlight
  - ◆ Easy button operation for programming and inquiry of functions
  - ◆ Waterproof housing, anti-vibration and durable
- Mid-frequency: 434.1MHz  
Receiving Sensitivity: -75dBm  
Input Voltage: DC 12V  
Operating Temperature: -30°C~+75°C  
Dimension: 44x51x78mm



### Transmitter

- ◆ Transmitter with delicate design, easy to install
  - ◆ 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
  - ◆ Screw on tire valve without dismounting tire when install
  - ◆ Security lock for safe use
- Mid-frequency: 434.1MHz  
Transmitting Power: -10dBm  
Pressure Monitoring Range: 0~6bar/0~87psi  
Pressure Monitoring Precision: ±0.1bar/±1.5 psi  
Operating Temperature: -40°C~+85°C  
Battery Life: 3~5 years  
Dimension: Φ27x21.5mm



### Packaging

- ◆ Elegant and simplicity color, simple style
- ◆ Flat structure, easy for transport and storage
- ◆ EPE liners, safety and environmental protection

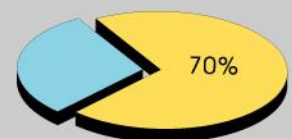


### Benefits of TPMS to Customers

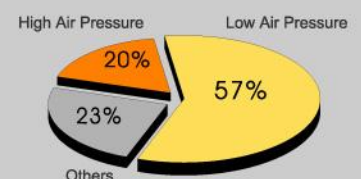
- ◆ Prevent tire bursting, reduce hidden danger on tire safety
- ◆ Reduce tire wear, extend tire life
- ◆ Reduce fuel consumption and lower vehicle operation costs for the enterprise
- ◆ Reduce pollution of exhaust gas to the environment, promote environmental protection
- ◆ Reduce the non-normal wear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