

# **Automotive Tire Pressure Monitoring System Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Direct TPMS, Indirect TPMS ), By Vehicle Type, By Sales Channel Type,**

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## **Abstracts**

The Automotive Tire Pressure Monitoring System Market size is valued at USD 9.1 billion in 2025 and is projected to reach USD 31.6 billion by 2033, registering a compound annual growth rate (CAGR) of 16.9% over the forecast period.

The automotive tire pressure monitoring system (TPMS) market plays a vital role in enhancing vehicle safety and performance by alerting drivers about under-inflated or over-inflated tires. TPMS helps reduce tire wear, improves fuel efficiency, and lowers the risk of accidents due to tire failure. There are two main types of TPMS—direct and indirect—with direct systems using pressure sensors in each tire and indirect systems utilizing wheel speed data. With road safety becoming a higher priority for regulators and consumers, TPMS adoption has grown significantly, particularly in new vehicle models. The technology has transitioned from being a luxury feature to a mandatory component in many global markets.

In 2024, the TPMS market witnessed strong growth due to expanding vehicle safety mandates and increasing demand for connected car technologies. Regulatory bodies in Europe, North America, and parts of Asia enforced stricter rules requiring TPMS in all new vehicles, boosting OEM installations. Aftermarket TPMS solutions also gained traction as older vehicles were upgraded for compliance and safety. Innovations in sensor design, such as miniaturization, longer battery life, and integration with smartphone apps, gained popularity among both OEMs and consumers. Additionally, rising EV production further fueled TPMS demand, with electric vehicles requiring advanced pressure monitoring for optimal range and tire life management.

Heading into 2025 and beyond, the TPMS market is expected to see robust growth driven by increased vehicle electrification, autonomous vehicle development, and smart tire integration. TPMS solutions will become more sophisticated, offering real-time diagnostics, temperature monitoring, and wireless communication with central vehicle systems. OEMs will increasingly adopt integrated TPMS solutions that support preventive maintenance and data logging for fleet optimization. Meanwhile, aftermarket players will expand offerings for commercial fleets and two-wheelers in developing regions. Enhanced cybersecurity, cloud connectivity, and AI-driven predictive alerts will mark the next wave of evolution in tire pressure monitoring systems.

### Key Insights\_ Automotive Tire Pressure Monitoring System Market

Adoption of wireless TPMS with Bluetooth connectivity and mobile app integration for real-time tire condition tracking and maintenance reminders.

Development of advanced TPMS for EVs with features like tire temperature detection, energy-efficient sensors, and extended battery life.

OEM integration of TPMS with ADAS and infotainment systems for centralized vehicle diagnostics and enhanced user experience.

Growth of aftermarket TPMS kits tailored for commercial vehicles and aging vehicle fleets to ensure roadworthiness and regulatory compliance.

Use of cloud-based platforms and data analytics to support predictive maintenance and improve fleet management efficiency using TPMS data.

Strict safety regulations worldwide mandating TPMS in new vehicles, especially in Europe, North America, China, and South Korea.

Growing awareness among consumers regarding the benefits of maintaining optimal tire pressure for safety, fuel economy, and tire longevity.

Increase in global EV production, which requires advanced monitoring systems to ensure optimal tire performance and driving range.

Rising demand for vehicle connectivity and smart diagnostics systems that enhance real-time monitoring and preventive maintenance.

High cost of direct TPMS sensors and maintenance complexity, especially in older vehicles, can deter mass adoption in cost-sensitive markets.

## Automotive Tire Pressure Monitoring System Market Segmentation

### By Type:

Direct TPMS

Indirect TPMS

### By Vehicle Type:

Passenger Vehicle

Light Commercial Vehicle:

LCV

Heavy Commercial Vehicle:

HCV

### By Sales Channel Type:

OEM

Aftermarket

### By Geography:

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Spain, Italy, Rest of Europe)

Asia-Pacific (China, India, Japan, Australia, Vietnam, Rest of APAC)

The Middle East and Africa (Middle East, Africa)

South and Central America (Brazil, Argentina, Rest of SCA)

Automotive Tire Pressure Monitoring System Market Size Data, Trends, Growth Opportunities, and Restraining Factors:

This comprehensive Automotive Tire Pressure Monitoring System market report delivers updated market size estimates from 2024 to 2034, offering in-depth analysis of the latest Automotive Tire Pressure Monitoring System market trends, short-term and long-term growth drivers, competitive landscape, and new business opportunities. The report presents growth forecasts across key Automotive Tire Pressure Monitoring System types, applications, and major segments, alongside detailed insights into the current Automotive Tire Pressure Monitoring System market scenario to support companies in formulating effective market strategies.

The Automotive Tire Pressure Monitoring System market outlook thoroughly examines the impact of ongoing supply chain disruptions and geopolitical issues worldwide. Factors such as trade tariffs, regulatory restrictions, production losses, and the emergence of alternatives or substitutes are carefully considered in the Automotive Tire Pressure Monitoring System market size projections. Additionally, the analysis highlights the effects of inflation and correlates past economic downturns with current Automotive Tire Pressure Monitoring System market trends, providing actionable intelligence for stakeholders to navigate the evolving Automotive Tire Pressure Monitoring System business environment with precision.

Automotive Tire Pressure Monitoring System Market Competition, Intelligence, Key Players, winning strategies to 2034:

The 2025 Automotive Tire Pressure Monitoring System Market Research Report identifies winning strategies for companies to register increased sales and improve market share.

Opinions from senior executives from leading companies in the Automotive Tire Pressure Monitoring System market are imbibed thoroughly and the Automotive Tire

Pressure Monitoring System industry expert predictions on the economic downturn, technological advancements in the Automotive Tire Pressure Monitoring System market, and customized strategies specific to a product and geography are mentioned.

The Automotive Tire Pressure Monitoring System market report is a source of comprehensive data and analysis of the industry, helping businesses to make informed decisions and stay ahead of the competition. The Automotive Tire Pressure Monitoring System market study assists investors in analyzing On Automotive Tire Pressure Monitoring System business prospects by region, key countries, and top companies' information to channel their investments.

The report provides insights into consumer behavior and preferences, including their buying patterns, brand loyalty, and factors influencing their purchasing decisions. It also includes an analysis of the regulatory environment and its impact on the Automotive Tire Pressure Monitoring System industry. Shifting consumer demand despite declining GDP and burgeoning interest rates to control surging inflation is well detailed.

#### What's Included in the Report?

Global Automotive Tire Pressure Monitoring System market size and growth projections, 2024- 2034

North America Automotive Tire Pressure Monitoring System market size and growth forecasts, 2024- 2034 (United States, Canada, Mexico)

Europe market size and growth forecasts, 2024- 2034 (Germany, France, United Kingdom, Italy, Spain)

Asia-Pacific Automotive Tire Pressure Monitoring System market size and growth forecasts, 2024- 2034 (China, India, Japan, South Korea, Australia)

Middle East Africa Automotive Tire Pressure Monitoring System market size and growth estimate, 2024- 2034 (Middle East, Africa)

South and Central America Automotive Tire Pressure Monitoring System market size and growth outlook, 2024- 2034 (Brazil, Argentina, Chile)

Automotive Tire Pressure Monitoring System market size, share and CAGR of key products, applications, and other verticals, 2024- 2034

Short- and long-term Automotive Tire Pressure Monitoring System market trends, drivers, challenges, and opportunities

Automotive Tire Pressure Monitoring System market insights, Porter's Five Forces analysis

Profiles of 5 leading companies in the industry- overview, key strategies, financials, product portfolio and SWOT analysis

Latest market news and developments

#### Key Questions Answered in This Report:

What is the current Automotive Tire Pressure Monitoring System market size at global, regional, and country levels?

What is the market penetration of different types, Applications, processes/technologies, and distribution/sales channels of the Automotive Tire Pressure Monitoring System market?

What will be the impact of economic slowdown/recission on Automotive Tire Pressure Monitoring System demand/sales?

How has the global Automotive Tire Pressure Monitoring System market evolved in past years and what will be the future trajectory?

What is the impact of growing inflation, Russia-Ukraine war on the Automotive Tire Pressure Monitoring System market forecast?

What are the Supply chain challenges for Automotive Tire Pressure Monitoring System?

What are the potential regional Automotive Tire Pressure Monitoring System markets to invest in?

What is the product evolution and high-performing products to focus in the Automotive Tire Pressure Monitoring System market?

What are the key driving factors and opportunities in the industry?

Who are the key players in Automotive Tire Pressure Monitoring System market and what is the degree of competition/Automotive Tire Pressure Monitoring System market share?

What is the market structure /Automotive Tire Pressure Monitoring System Market competitive Intelligence?

Available Customizations:

The standard syndicate report is designed to serve the common interests of Automotive Tire Pressure Monitoring System Market players across the value chain, and include selective data and analysis from entire research findings as per the scope and price of the publication.

However, to precisely match the specific research requirements of individual clients, we offer several customization options to include the data and analysis of interest in the final deliverable.

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Automotive Tire Pressure Monitoring System Pricing and Margins Across the Supply Chain, Automotive Tire Pressure Monitoring System Price Analysis / International Trade Data / Import-Export Analysis,

Supply Chain Analysis, Supply–Demand Gap Analysis, PESTLE Analysis, Macro-Economic Analysis, and other Automotive Tire Pressure Monitoring System market analytics

Processing and manufacturing requirements, Patent Analysis, Technology Trends, and Product Innovations

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