

Global and China Tyre Pressure Monitoring System (TPMS) Industry Report, 2015-2018

Sep. 2015

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications.

Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

South Korea, European Union, and Taiwan joined the camp that forces the installation of TPMS in 2014, as the former in Jul 2014 and the latter two in Nov 2014 asked that related auto models must be installed with TPMS, directly boosting global demand for the product. Global installation rate of TPMS reached 36% in 2014, up 6 percentage points from 2013, and is expected to exceed 45% in 2015, creating a demand of more than 40 million sets.

EU now is the focus of global TPMS. On the one hand, its OEM demand for TPMS is expected to hit 16.65 million sets, surpassing the United States as the world's largest market, and on the other hand, considerable AM demand for TPMS is brought about. Harsh winter in many EU countries makes snow tire an additional necessity for new vehicles. Hence, the introduction of mandatory regulations on TPMS in Nov first created demand for TPMS from snow tire. EU will become the world's largest TPMS market, either OEM or AM.

The mainland China compiled its first technical standard for passenger vehicle TPMS in Mar 2015, and carried out a month-long opinion soliciting. The standard will replace original GB/T 26149—2010 with some changes made in the aspects of product scope, product roadmap, and technical standard. The standard is a technically mandatory one but not a requirement on mandatory installation. As of early Sept 2015, the official document has not yet been released.

The mainland China's demand for TPMS comes primarily from OEM market and has grown rapidly during 2014-2015. The demand surged by 78.9% from a year ago to 4.42 million sets in 2014 and is expected to reach 6.67 million sets in 2015, a year-on-year jump of 50.9%. Relying on huge automobile market, China has become the TPMS market with the greatest potential, attracting a large number of companies.

Top four foreign players- Schrader, Continental, Pacific Industrial, and ZF TRW all have set up factories in mainland China; Taiwanese peers- Orange Electronic, CUB Elecparts, and Mobiletron Electronics all have entered the mainland Chinese market via establishment of factories or offices; Chinese companies- State Auto Electronics, Shanghai Baolong Automotive, Nanjing Top Sun Technology, Kysonix, Hamaton Automotive Technology, Steelmate, and Shanghai HangSheng Industry are stepping up their layout in OEM and AM markets. The Chinese TPMS market will be highly competitive in the future..

Supporting Relationship between Some TPMS Producers and Mainland Chinese Carmakers

Nature of Company	Name of Company	Carmakers Supported
Foreign	Continental	FAW-Volkswagen, Volvo
	ZF TRW	FAW-Volkswagen
Taiwanese	Orange Electronic	Southeast Motor, Geely, ZOTYE, Land Tourer
	CUB Elecparts	Zhengzhou Nissan
	TTE	Dongfeng Nissan, Geely, Haima, Shanghai Volkswagen, Great Wall Motors
	Mobiletron Electronics	Southeast Motor, Chery, Fisan Auto
Chinese	Kysonix	Jiangling Motors
	Shanghai Baolong Automotive	Chery, Shanghai GM, Dongfeng Nissan, Changan Automobile, SAIC-GM-Wuling, Dongfeng Motor Corporation Passenger Vehicle, FAW Tianjin, Englon Automobile
	Steelmate	Southeast Motor, Haima, Shanghai Volkswagen, FAW-Volkswagen
	Shanghai Topsystm Electronic Technology	Shanghai Volkswagen, FAW-Volkswagen, Toyota, Honda, Haima
	Sate Auto Electronic	Kinglong United Automotive Industry (Suzhou), Great Wall Motors
	Nanjing Top Sun Technology	Changfeng Leopaard, King Long United Automotive Industry, Yutong, Sunlong Bus, Shentong Bus, Dongfeng Yangtse Bus, Kinglong United Automotive Industry (Suzhou)
	Beijing Sincode Science & Technology	FAW-Volkswagen, FAW Car
	China Auto Electronics Group	Paladin
	Huizhou Foryou General Electronics	Great Wall Motors
	VICTON Electronic Technology	Peugeot Citroën
	Hamaton Automotive Technology	SAIC-GM, Volkswagen, BAIC, GAC, Changan Automobile
	Shanghai Aero-Care Electronic Technology	Shanghai Volkswagen, Shanghai GM

Source: Global and China TPMS Industry Report, 2015-2018 by ResearchInChina

Copyright 2012ResearchInChina

Global and China TPMS Industry Report, 2015-2018 by ResearchInChina focuses on the followings:

- Global TPMS market size and forecast, market share of major players, and supporting relationship;
- Development of TPMS industry in the United States, EU, South Korea, and Taiwan, and market size;
- Technical status of TPMS industry and latest approved industrial standards in China;

TPMS market size and installation in China;

- Development forecast of TPMS industry in China, including market size, development trend of products, etc.
- Development of major foreign and Chinese TPMS producers, covering product line, capacity, source of technology, supporting, operation, etc.
- Development of the world's top 3 TPMS chip suppliers, including operation, main solutions, etc.

1 Overview of TPMS Industry

- 1.1 Definition
- 1.2 Classification
- 1.3 Function
- 1.4 System Composition
- 1.5 Production Process

2 Development of Global TPMS Industry

- 2.1 Global Overview
 - 2.1.1 TPMS Laws & Regulations
 - 2.1.2 Development History
 - 2.1.3 Market Size
 - 2.1.4 Competitive Landscape
- 2.2 Major Countries
 - 2.2.1 United States
 - 2.2.2 Europe
 - 2.2.3 South Korea
 - 2.2.4 Taiwan

3 Development of TPMS Industry in China

- 3.1 Status Quo of Technological Development
 - 3.1.1 One-way TPMS
 - 3.1.2 Two-way TPMS
 - 3.1.3 Next Generation TPMS
 - 3.1.4 BMBS Technology
- 3.2 Industrial Standards and Policies
 - 3.2.1 Industrial Standards
 - 3.2.2 Industrial Policies
- 3.3 Market Overview

- 3.3.1 Coverage
- 3.3.2 Demand
- 3.3.3 Structure
- 3.4 Production Capacity
- 3.5 Supporting Relationship
- 3.6 Run Stability Control (RSC)

4 Major Foreign Companies

- 4.1 Schrader
 - 4.1.1 Profile
 - 4.1.2 TPMS Business
 - 4.1.3 Business in China
- 4.2 Continental
 - 4.2.1 Profile
 - 4.2.2 Operation
 - 4.2.3 TPMS Business
 - 4.2.4 Business in China
- 4.3 ZF TRW
 - 4.3.1 Profile
 - 4.3.2 Operation
 - 4.3.3 TPMS Business
 - 4.3.4 Business in China
- 4.4 Huf Electronics Bretten
 - 4.4.1 Profile
 - 4.4.2 TPMS Business
- 4.5 Pressure Pro
- 4.6 Omron
 - 4.6.1 Profile

- 4.6.2 Operation
- 4.6.3 TPMS Business
- 4.7 Pacific Industrial
 - 4.7.1 Profile
 - 4.7.2 Operation
 - 4.7.3 TPMS Business
 - 4.7.4 Business in China
- 4.8 Denso
 - 4.8.1 Profile
 - 4.8.2 Operation
 - 4.8.3 TPMS Business

5 Mainland Chinese Companies

- 5.1 Kysonix Inc.
 - 5.1.1 Profile
 - 5.1.2 TPMS Business
- 5.2 Shanghai Baolong Automotive Corporation
 - 5.2.1 Profile
 - 5.2.2 Operation
 - 5.2.3 TPMS Business
 - 5.2.4 Subsidiaries
- 5.3 Shenzhen Hangsheng Electronics Co., Ltd.
 - 5.3.1 Profile
 - 5.3.2 TPMS Business
- 5.4 Steelmate Co., Ltd.
 - 5.4.1 Profile
 - 5.4.2 TPMS Business
- 5.5 Shanghai Topsystm Electronic Technology Co., Ltd.

- 5.5.1 Profile
- 5.5.2 TPMS Business
- 5.6 Shenzhen Autotech Co., Ltd.
- 5.6.1 Profile
- 5.6.2 TPMS Business
- 5.7 Sate Auto Electronic Co., Ltd
- 5.7.1 Profile
- 5.7.2 TPMS Business
- 5.8 DIAS Automotive Electronic Systems Co., Ltd.
- 5.8.1 Profile
- 5.8.2 TPMS Business
- 5.9 Nanjing Top Sun Technology Co., Ltd.
- 5.9.1 Profile
- 5.9.2 TPMS Business
- 5.10 Beijing Sincode Science & Technology Co., Ltd
- 5.10.1 Profile
- 5.10.2 TPMS Business
- 5.11 Ningbo Fuerda Smartech Co., Ltd
- 5.11.1 Profile
- 5.11.2 Branches
- 5.11.3 Main Customers
- 5.11.4 TPMS Business
- 5.12 China Auto Electronics Group Limited (THB Group)
- 5.12.1 Profile
- 5.12.2 TPMS Business
- 5.13 Huizhou Foryou General Electronics Co., Ltd.
- 5.13.1 Profile
- 5.13.2 TPMS Business

- 5.14 Yangzhou Kooan Electronic Technology Co., Ltd
- 5.14.1 Profile
- 5.14.2 TPMS Business
- 5.15 VICTON Electronic Technology Co., Ltd.
- 5.15.1 Profile
- 5.15.2 TPMS Business
- 5.16 Jiangsu Yunyi Electric Co., Ltd
- 5.16.1 Profile
- 5.16.2 TPMS Business
- 5.17 Hamaton Automotive Technology Co., Ltd.
- 5.18 Shanghai Aero-Care Electronic Technology

6 Taiwanese Companies

- 6.1 Orange Electronic
- 6.1.1 Profile
- 6.1.2 Operation
- 6.1.3 TPMS Business
- 6.2 CUB Elecparts
- 6.2.1 Profile
- 6.2.2 Operation
- 6.2.3 TPMS Business
- 6.3 TTE
- 6.3.1 Profile
- 6.3.2 Operation
- 6.3.3 TPMS Business
- 6.4 Luhai
- 6.4.1 Profile
- 6.4.2 Operation

- 6.4.3 TPMS Business
- 6.5 Mobiletron Electronics]
- 6.5.1 Profile
- 6.5.2 Operation
- 6.5.3 TPMS Business

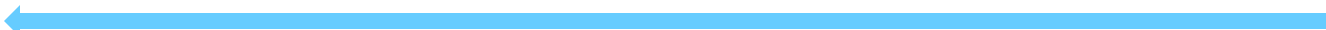
7 Sensor Suppliers

- 7.1 Market Overview
- 7.1.1 MEMS Market
- 7.1.2 TPMS Sensor Market
- 7.2 GE
- 7.2.1 Profile
- 7.2.2 Operation
- 7.2.3 TPMS Solution
- 7.2.4 Business in China
- 7.3 Infineon
- 7.3.1 Profile
- 7.3.2 Operation
- 7.3.3 TPMS Solution
- 7.3.4 Business in China
- 7.4 Freescale


8 Summary and Forecast

- 8.1 Market
- 8.2 Company

- 
- Relation between Tire Pressure & Fuel Consumption
 - Production Process of TPMS
 - Laws and Regulations on the Enforced Installation of TPMS in Major Countries Worldwide
 - Global Development History of TPMS
 - Global TPMS OEM Market Size and Installation Rate, 2009-2018E
 - Global TPMS OEM Demand Structure by Region, 2015&2018E
 - Global TPMS Market Landscape, 2014
 - Supporting Relationship between Major TPMS Producers and Automobile Makers in the World
 - TPMS OEM Market Size in United State, 2009-2018E
 - TPMS OEM Market Size in Europe, 2009-2018E
 - TPMS OEM Market Size in South Korea, 2009-2018E
 - TPMS OEM Market Size in Taiwan, 2009-2018E
 - Coverage of TPMS in Passenger Vehicles in China by Price, 2015
 - Coverage of TPMS in Passenger Vehicles in China by Level, 2015
 - Coverage of TPMS in Self-owned Brand Passenger Vehicles in China by Brand, 2015
 - TPMS Installation Rate in China, 2009-2018E
 - TPMS OEM Market Size in China, 2009-2018E
 - Type of TPMSs Produced by Major Global and Chinese Companies
 - TPMS Market Structure in China, 2014&2018
 - TPMS Capacity of Major Chinese Companies, 2015
 - Relationship between Local TPMS Producers and Automobile Makers in China
 - Auto Models Installed with RSC and Their Output in China, 2012-2015
 - RSC OEM Size and Installation Rate in China, 2012-2018E
 - Carmakers and Models Supported by Schrader's TPMS Products
 - Revenue and Net Income of Continental, 2010-2015H1

- 
- Revenue Breakdown of Continental by Division, 2010-2015H1
 - Revenue Structure of Continental by Region, 2010-2014
 - Gross Margin of Continental, 2010-2015H1
 - Carmakers and Models Supported by Continental's TPMS Products
 - Models Supported by Continental Automotive (Changchun)'s TPMS Products, 2015
 - Revenue and Net Income of ZF TRW, 2010-2015Q1
 - Revenue Structure of ZF TRW by Division, 2010-2015Q1
 - Revenue Structure of ZF TRW by Region, 2010-2014
 - Revenue Structure of ZF TRW by Customer, 2010-2014
 - Gross Margin of ZF TRW, 2010-2015Q1
 - Carmakers and Models Supported by ZF TRW's TPMS Products
 - Carmakers and Models Supported by TRW Automotive Components (Shanghai)'s TPMS Products, 2015
 - Carmakers and Models Supported by Huf Electronics Bretten's TPMS Products
 - Revenue and Net Income of Omron, FY2010-FY2015Q1
 - Revenue Structure of Omron by Division, FY2010-FY2015Q1
 - Revenue Structure of Omron by Region, FY2010-FY2015Q1
 - Carmakers and Models Supported by Omron's TPMS Products
 - Revenue and Net Income of Pacific Industrial, FY2011-FY2016Q1
 - Revenue Structure of Pacific Industrial by Division, FY2011-FY2016Q1
 - Revenue Structure of Pacific Industrial by Region, FY2011-FY2015
 - Gross Margin of Pacific Industrial, FY2011-FY2016Q1
 - Carmakers and Models Supported by Pacific Industrial's TPMS Products
 - Sales and Profit of Denso, FY2011-FY2015
 - Sales Breakdown of Denso by Region, FY2011-FY2015
 - Customer Structure of Denso, FY2014-FY2015

- 
- Carmakers and Models Supported by Denso's TPMS Products
 - Revenue and Profit of Shanghai Baolong Automotive, 2012-2014
 - TPMS Capacity, Output and Sales Volume of Shanghai Baolong Automotive, 2012-2014
 - Net Income of Shanghai Baolong Automotive's Subsidiary, 2012-2014
 - TPMS Products of Shanghai Topsystm
 - Main Configurations of TPMS Products of Shanghai Topsystm Electronic Technology
 - TPMS Product Lines of Shenzhen Autotech
 - Indicators of TPMS Products of Shenzhen Autotech
 - Main Businesses and Production Bases of THB Group
 - Business of Huizhou Foryou General Electronics
 - Main Configurations of TPMS Products of Kooan
 - Revenue and Profit of Orange Electronic, 2013-2014
 - Revenue Structure of Orange Electronic by Product, 2014
 - Revenue and Profit of CUB Elecparts, 2013-2014
 - Sales Breakdown of CUB Elecparts by Product, 2014
 - Revenue and Profit of TTE, 2012-2015
 - Revenue Structure of TTE, 2014
 - Production Bases of TTE
 - Main Customers of TTE
 - Revenue and Profit of Luhai Group, 2013-2015
 - Revenue Structure of Luhai Group by Region, 2013-2014
 - Revenue and Profit of Mobiletron Electronics, 2013-2015
 - Revenue Structure of Mobiletron Electronics by Region, 2013-2014
 - Global Top10 Automotive MEMS Suppliers, 2014
 - Revenue and Profit of GE, 2014-2015

- 
- Global Ranking of Infineon's Three Businesses, 2015
 - Revenue of Infineon, FY2014-FY2015
 - Revenue and Profit of Freescale, 2010-2015
 - Global TPMS OEM Size, 2009-2018E
 - Global and China's TPMS OEM Installation Rate, 2009-2018E
 - TPMS Factories Established in China by Foreign-funded Companies

You can place your order in the following alternative ways:

1. Order online at www.researchinchina.com
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828/ 82601561

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing Bank Account No #: 110060668012015061217 Routing No #: 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
Total		

Choose type of format

PDF (Single user license)2,400 USD
 Hard copy 2,600 USD
 PDF (Enterprisewide license)..... 3,700 USD

※ Reports will be dispatched immediately once full payment has been received.
 Payment may be made by wire transfer or credit card via PayPal.

About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- ❑ *Multi-users market reports*
- ❑ *Database-RICDB*
- ❑ *Custom Research*
- ❑ *Company Search*

RICDB (<http://www.researchinchina.com/data/database.html>), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at: