

Autonomous Vehicle Sensor - Global Market Outlook (2016-2022)

<https://marketpublishers.com/r/A8179BB9D97EN.html>

Date: January 2017

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: A8179BB9D97EN

Abstracts

According to Statistics MRC, the Global Autonomous Vehicle Sensor market is expected to grow from \$XX million in 2016 to reach \$XX million by 2022 with a CAGR of XX%. Raising necessity to reduce road accidents, growing government regulations for safety, raise in vehicle electrification are the factors favoring the market growth. In addition, increasing R&D, investments for autonomous cars is fuelling the market growth. However, high replacement cost and limited detection range of the sensors are the factors restraining the market growth.

Among all sensor types, safety sensor segment dominating the market share during the forecast period. LIDAR Sensors plays a pivotal role in dominance of safety sensor segment. North America is the largest market followed by Europe in terms of revenue due to rising sales of top-end vehicles. Asia Pacific is expected to be the fastest growing region. Growing income levels, increasing customer spending, change in consumer life styles are the factors propelling the Asia Pacific market growth.

Some of the key players in global Autonomous Vehicle Sensor market include Asahi Kasei, Blackcat security, Brigade Electronics, Continental, Delphi Automotive, DENSO, First Sensor AG, Fujitsu Ten, Mitsubishi Electric, Novariant, NXP Semiconductors, PulsedLight, Robert Bosch, Teledyne Optech, Trilumina, and Valeo.

Sensor Types Covered:

Safety Sensors

LIDAR Sensors

RADAR Sensors

Image Sensors

Ultrasonic Sensors

Infrared Sensors

Pressure Sensors

Manifold Pressure Sensor

Oil Pressure Sensor

Air conditioning Pressure Sensor

Fuel Pressure Sensor

Others

MEMS Sensors

Magnetic Sensors

Temperature Sensors

Inertial Sensors

Level Sensors

Position Sensors

Oxygen Sensors

Speed Sensors

NOx Sensors

Other Sensor Types

Working Principles Covered:

Piezoelectric

Magnetic

Capacitive

Inductive

Optical

Vehicle Types Covered:

Two-wheelers

Buses

Cars

SUV

Hatchback Cars

Wagons

Sedan Cars

Coupes

Trucks

Heavy-duty vehicle

Heavy light-duty truck

Light light-duty truck

Light-duty truck

Applications Covered:

Vehicle Security

Fuel Injection and Emission

Chassis

Safety & Control

Engine

Powertrain

Telematics

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 6 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL AUTONOMOUS VEHICLE SENSOR MARKET, BY SENSOR TYPE

- 5.1 Introduction
- 5.2 Safety Sensors
 - 5.2.1 LIDAR Sensors
 - 5.2.2 RADAR Sensors
 - 5.2.3 Image Sensors
 - 5.2.4 Ultrasonic Sensors
 - 5.2.5 Infrared Sensors
- 5.3 Pressure Sensors
 - 5.3.1 Manifold Pressure Sensor
 - 5.3.2 Oil Pressure Sensor
 - 5.3.3 Air conditioning Pressure Sensor
 - 5.3.4 Fuel Pressure Sensor
 - 5.3.5 Others
- 5.4 MEMS Sensors
- 5.5 Magnetic Sensors
- 5.6 Temperature Sensors
- 5.7 Inertial Sensors
- 5.8 Level Sensors
- 5.9 Position Sensors
- 5.10 Oxygen Sensors
- 5.11 Speed Sensors
- 5.12 NOx Sensors
- 5.13 Other Sensor Types

6 GLOBAL AUTONOMOUS VEHICLE SENSOR MARKET, BY WORKING PRINCIPLE

- 6.1 Introduction
- 6.2 Piezoelectric
- 6.3 Magnetic
- 6.4 Capacitive
- 6.5 Inductive
- 6.6 Optical

7 GLOBAL AUTONOMOUS VEHICLE SENSOR MARKET, BY VEHICLE TYPE

- 7.1 Introduction

7.2 Two-wheelers

7.3 Buses

7.4 Cars

7.4.1 SUV

7.4.2 Hatchback Cars

7.4.3 Wagons

7.4.4 Sedan Cars

7.4.5 Coupes

7.5 Trucks

7.5.1 Heavy-duty vehicle

7.5.2 Heavy light-duty truck

7.5.3 Light light-duty truck

7.5.4 Light-duty truck

8 GLOBAL AUTONOMOUS VEHICLE SENSOR MARKET, BY APPLICATION

8.1 Introduction

8.2 Vehicle Security

8.3 Fuel Injection and Emission

8.4 Chassis

8.5 Safety & Control

8.6 Engine

8.7 Powertrain

8.8 Telematics

8.9 Other Applications

9 GLOBAL AUTONOMOUS VEHICLE SENSOR MARKET, BY GEOGRAPHY

9.1 North America

9.1.1 US

9.1.2 Canada

9.1.3 Mexico

9.2 Europe

9.2.1 Germany

9.2.2 France

9.2.3 Italy

9.2.4 UK

9.2.5 Spain

9.2.6 Rest of Europe

9.3 Asia Pacific

9.3.1 Japan

9.3.2 China

9.3.3 India

9.3.4 Australia

9.3.5 New Zealand

9.3.6 Rest of Asia Pacific

9.4 Rest of the World

9.4.1 Middle East

9.4.2 Brazil

9.4.3 Argentina

9.4.4 South Africa

9.4.5 Egypt

10 KEY DEVELOPMENTS

10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

10.3 New Product Launch

10.4 Expansions

10.5 Other Key Strategies

11 COMPANY PROFILING

11.1 Asahi Kasei

11.2 Blackcat security

11.3 Brigade Electronics

11.4 Continental

11.5 Delphi Automotive

11.6 DENSO

11.7 First Sensor AG

11.8 Fujitsu Ten

11.9 Mitsubishi Electric

11.10 Novariant

11.11 NXP Semiconductors

11.12 PulsedLight

11.13 Robert Bosch

11.14 Teledyne Optech

11.15 Trilumina

11.16 Valeo

List Of Tables

LIST OF TABLES

Table 1 Global Autonomous Vehicle Sensor Market Outlook, By Region (2014-2022) (\$MN)

Table 2 Global Autonomous Vehicle Sensor Market Outlook, By Sensor Type (2014-2022) (\$MN)

Table 3 Global Autonomous Vehicle Sensor Market Outlook, By Safety Sensors (2014-2022) (\$MN)

Table 4 Global Autonomous Vehicle Sensor Market Outlook, By LIDAR Sensors (2014-2022) (\$MN)

Table 5 Global Autonomous Vehicle Sensor Market Outlook, By RADAR Sensors (2014-2022) (\$MN)

Table 6 Global Autonomous Vehicle Sensor Market Outlook, By Image Sensors (2014-2022) (\$MN)

Table 7 Global Autonomous Vehicle Sensor Market Outlook, By Ultrasonic Sensors (2014-2022) (\$MN)

Table 8 Global Autonomous Vehicle Sensor Market Outlook, By Infrared Sensors (2014-2022) (\$MN)

Table 9 Global Autonomous Vehicle Sensor Market Outlook, By Pressure Sensors (2014-2022) (\$MN)

Table 10 Global Autonomous Vehicle Sensor Market Outlook, By Manifold Pressure Sensor (2014-2022) (\$MN)

Table 11 Global Autonomous Vehicle Sensor Market Outlook, By Oil Pressure Sensor (2014-2022) (\$MN)

Table 12 Global Autonomous Vehicle Sensor Market Outlook, By Air conditioning Pressure Sensor (2014-2022) (\$MN)

Table 13 Global Autonomous Vehicle Sensor Market Outlook, By Fuel Pressure Sensor (2014-2022) (\$MN)

Table 14 Global Autonomous Vehicle Sensor Market Outlook, By Others (2014-2022) (\$MN)

Table 15 Global Autonomous Vehicle Sensor Market Outlook, By MEMS Sensors (2014-2022) (\$MN)

Table 16 Global Autonomous Vehicle Sensor Market Outlook, By Magnetic Sensors (2014-2022) (\$MN)

Table 17 Global Autonomous Vehicle Sensor Market Outlook, By Temperature Sensors (2014-2022) (\$MN)

Table 18 Global Autonomous Vehicle Sensor Market Outlook, By Inertial Sensors

(2014-2022) (\$MN)

Table 19 Global Autonomous Vehicle Sensor Market Outlook, By Level Sensors

(2014-2022) (\$MN)

Table 20 Global Autonomous Vehicle Sensor Market Outlook, By Position Sensors

(2014-2022) (\$MN)

Table 21 Global Autonomous Vehicle Sensor Market Outlook, By Oxygen Sensors

(2014-2022) (\$MN)

Table 22 Global Autonomous Vehicle Sensor Market Outlook, By Speed Sensors

(2014-2022) (\$MN)

Table 23 Global Autonomous Vehicle Sensor Market Outlook, By NOx Sensors

(2014-2022) (\$MN)

Table 24 Global Autonomous Vehicle Sensor Market Outlook, By Other Sensor Types

(2014-2022) (\$MN)

Table 25 Global Autonomous Vehicle Sensor Market Outlook, By Working Principle

(2014-2022) (\$MN)

Table 26 Global Autonomous Vehicle Sensor Market Outlook, By Piezoelectric

(2014-2022) (\$MN)

Table 27 Global Autonomous Vehicle Sensor Market Outlook, By Magnetic (2014-2022)

(\$MN)

Table 28 Global Autonomous Vehicle Sensor Market Outlook, By Capacitive

(2014-2022) (\$MN)

Table 29 Global Autonomous Vehicle Sensor Market Outlook, By Inductive (2014-2022)

(\$MN)

Table 30 Global Autonomous Vehicle Sensor Market Outlook, By Optical (2014-2022)

(\$MN)

Table 31 Global Autonomous Vehicle Sensor Market Outlook, By Vehicle Type

(2014-2022) (\$MN)

Table 32 Global Autonomous Vehicle Sensor Market Outlook, By Two-wheelers

(2014-2022) (\$MN)

Table 33 Global Autonomous Vehicle Sensor Market Outlook, By Buses (2014-2022)

(\$MN)

Table 34 Global Autonomous Vehicle Sensor Market Outlook, By Cars (2014-2022)

(\$MN)

Table 35 Global Autonomous Vehicle Sensor Market Outlook, By SUV (2014-2022)

(\$MN)

Table 36 Global Autonomous Vehicle Sensor Market Outlook, By Hatchback Cars

(2014-2022) (\$MN)

Table 37 Global Autonomous Vehicle Sensor Market Outlook, By Wagons (2014-2022)

(\$MN)

Table 38 Global Autonomous Vehicle Sensor Market Outlook, By Sedan Cars
(2014-2022) (\$MN)

Table 39 Global Autonomous Vehicle Sensor Market Outlook, By Coupes (2014-2022)
(\$MN)

Table 40 Global Autonomous Vehicle Sensor Market Outlook, By Trucks (2014-2022)
(\$MN)

Table 41 Global Autonomous Vehicle Sensor Market Outlook, By Heavy-duty vehicle
(2014-2022) (\$MN)

Table 42 Global Autonomous Vehicle Sensor Market Outlook, By Heavy light-duty truck
(2014-2022) (\$MN)

Table 43 Global Autonomous Vehicle Sensor Market Outlook, By Light light-duty truck
(2014-2022) (\$MN)

Table 44 Global Autonomous Vehicle Sensor Market Outlook, By Light-duty truck
(2014-2022) (\$MN)

Table 45 Global Autonomous Vehicle Sensor Market Outlook, By Application
(2014-2022) (\$MN)

Table 46 Global Autonomous Vehicle Sensor Market Outlook, By Vehicle Security
(2014-2022) (\$MN)

Table 47 Global Autonomous Vehicle Sensor Market Outlook, By Fuel Injection and
Emission (2014-2022) (\$MN)

Table 48 Global Autonomous Vehicle Sensor Market Outlook, By Chassis (2014-2022)
(\$MN)

Table 49 Global Autonomous Vehicle Sensor Market Outlook, By Safety & Control
(2014-2022) (\$MN)

Table 50 Global Autonomous Vehicle Sensor Market Outlook, By Engine (2014-2022)
(\$MN)

Table 51 Global Autonomous Vehicle Sensor Market Outlook, By Powertrain
(2014-2022) (\$MN)

Table 52 Global Autonomous Vehicle Sensor Market Outlook, By Telematics
(2014-2022) (\$MN)

Table 53 Global Autonomous Vehicle Sensor Market Outlook, By Other Applications
(2014-2022) (\$MN)

Note: Regional tables are presented in the similar manner as the above

I would like to order

Product name: Autonomous Vehicle Sensor - Global Market Outlook (2016-2022)

Product link: <https://marketpublishers.com/r/A8179BB9D97EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A8179BB9D97EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970