Sensors are being used in automobiles since 1960s and they have undergone an array of developments with the increasing requirements of the automobile owners. The increasing safety concern among passenger car owners is the key drivers for the passenger car sensors market. Passenger car sensors are mainly used in powertrain, chassis and body control where they monitor temperature, pressure, currents, vacuum and other related factors.

Now, many more engine parameters are actively monitored and controlled in real-time. There are about 20 to 50 that measure pressure, temperature, flow, engine speed, oxygen level and NOx level plus other parameters at different points within the engine. All these sensor signals are sent to the ECU, which has the logic circuits to do the actual controlling.

Global In-vehicle Sensors market size will reach xx million US$ by 2025, from xx million US$ in 2018, at a CAGR of xx% during the forecast period. In this study, 2018 has been considered as the base year and 2019-2025 as the forecast period to estimate the market size for In-vehicle Sensors.

This industry study presents the global In-vehicle Sensors market size, historical breakdown data (2014-2019) and forecast (2019-2025). The In-vehicle Sensors production, revenue and market share by manufacturers, key regions and type; The consumption of In-vehicle Sensors in volume terms are also provided for major countries (or regions), and for each application and product at the global level. Market share, growth rate, and competitive factors are also evaluated for market leaders Robert Bosch, Continental AG, etc.

The following manufacturers are covered in this report:

Robert Bosch
Continental AG
Denso Global
Delphi Technologies
Allegro Microsystems
Analog Devices
CTS Corporation
Elmos Semiconductor
Infineon Technologies
TRW Automotive

In-vehicle Sensors Breakdown Data by Type
Pressure Sensors
Temperature Sensors
Speed Sensor
Position Sensor
O2 & Nox Sensor

In-vehicle Sensors Breakdown Data by Application
Powertrain/Drivetrain System Sensors
Exhaust System Sensors
Interior/Comfort System Sensor
Safety/Das Sensors
Body Control Sensors
In-vehicle Sensors Production by Region
United States
Europe
China
Japan
South Korea
India

Other Regions
In-vehicle Sensors Consumption by Region
North America
United States
Canada
Mexico
Asia-Pacific
China
India
Japan
South Korea
Australia
Indonesia
Malaysia
Philippines
Thailand
Vietnam
Europe
Germany
France
The study objectives are:
To analyze and research the global In-vehicle Sensors status and future forecast involving, production, revenue, consumption, historical and forecast.
To present the key In-vehicle Sensors manufacturers, production, revenue, market share, SWOT analysis and development plans in next few years.
To segment the breakdown data by regions, type, manufacturers and applications.
To identify significant trends, drivers, influence factors in global and regions.
To strategically analyze each submarket with respect to individual growth trend and their contribution to the market.
To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

In this study, the years considered to estimate the market size of In-vehicle Sensors:
- History Year: 2014 - 2018
- Base Year: 2018
- Estimated Year: 2019
- Forecast Year: 2019 - 2025

This report includes the estimation of market size for value (million USD) and volume (K Units). Both top-down and bottom-up approaches have been used to estimate and validate the market size of In-vehicle Sensors market, to estimate the size of various other dependent submarkets in the overall market. Key players in the market have been identified through secondary research, and their market shares have been determined through primary and secondary research. All percentage shares, splits, and breakdowns have been determined using secondary sources and verified primary sources.

For the data information by region, company, type and application, 2018 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Contents:

Table of Contents
1 Study Coverage
   1.1 In-vehicle Sensors Product
   1.2 Key Market Segments in This Study
   1.3 Key Manufacturers Covered
   1.4 Market by Type
      1.4.1 Global In-vehicle Sensors Market Size Growth Rate by Type
      1.4.2 Pressure Sensors
      1.4.3 Temperature Sensors
      1.4.4 Speed Sensor
      1.4.5 Position Sensor
      1.4.6 O2 & Nox Sensor
   1.5 Market by Application
      1.5.1 Global In-vehicle Sensors Market Size Growth Rate by Application
      1.5.2 Powertrain/Drivetrain System Sensors
      1.5.3 Exhaust System Sensors
      1.5.4 Interior/Comfort System Sensor
      1.5.5 Safety/Das Sensors
      1.5.6 Body Control Sensors
   1.6 Study Objectives
   1.7 Years Considered
2 Executive Summary
   2.1 Global In-vehicle Sensors Market Size
      2.1.1 Global In-vehicle Sensors Revenue 2014-2025
      2.1.2 Global In-vehicle Sensors Production 2014-2025
   2.2 In-vehicle Sensors Growth Rate (CAGR) 2019-2025
   2.3 Analysis of Competitive Landscape
      2.3.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
      2.3.2 Key In-vehicle Sensors Manufacturers
         2.3.2.1 In-vehicle Sensors Manufacturing Base Distribution, Headquarters
         2.3.2.2 Manufacturers In-vehicle Sensors Product Offered
         2.3.2.3 Date of Manufacturers Enter into In-vehicle Sensors Market
   2.4 Key Trends for In-vehicle Sensors Markets & Products
3 Market Size by Manufacturers
   3.1 In-vehicle Sensors Production by Manufacturers
      3.1.1 In-vehicle Sensors Production by Manufacturers
      3.1.2 In-vehicle Sensors Production Market Share by Manufacturers
   3.2 In-vehicle Sensors Revenue by Manufacturers
      3.2.1 In-vehicle Sensors Revenue by Manufacturers (2014-2019)
      3.2.2 In-vehicle Sensors Revenue Share by Manufacturers (2014-2019)
   3.3 In-vehicle Sensors Price by Manufacturers
   3.4 Mergers & Acquisitions, Expansion Plans
4 In-vehicle Sensors Production by Regions
   4.1 Global In-vehicle Sensors Production by Regions
      4.1.1 Global In-vehicle Sensors Production Market Share by Regions
4.1.2 Global In-vehicle Sensors Revenue Market Share by Regions

4.2 United States
- 4.2.1 United States In-vehicle Sensors Production
- 4.2.2 United States In-vehicle Sensors Revenue
- 4.2.3 Key Players in United States
- 4.2.4 United States In-vehicle Sensors Import & Export

4.3 Europe
- 4.3.1 Europe In-vehicle Sensors Production
- 4.3.2 Europe In-vehicle Sensors Revenue
- 4.3.3 Key Players in Europe
- 4.3.4 Europe In-vehicle Sensors Import & Export

4.4 China
- 4.4.1 China In-vehicle Sensors Production
- 4.4.2 China In-vehicle Sensors Revenue
- 4.4.3 Key Players in China
- 4.4.4 China In-vehicle Sensors Import & Export

4.5 Japan
- 4.5.1 Japan In-vehicle Sensors Production
- 4.5.2 Japan In-vehicle Sensors Revenue
- 4.5.3 Key Players in Japan
- 4.5.4 Japan In-vehicle Sensors Import & Export

4.6 South Korea
- 4.6.1 South Korea In-vehicle Sensors Production
- 4.6.2 South Korea In-vehicle Sensors Revenue
- 4.6.3 Key Players in South Korea
- 4.6.4 South Korea In-vehicle Sensors Import & Export

4.7 India
- 4.7.1 India In-vehicle Sensors Production
- 4.7.2 India In-vehicle Sensors Revenue
- 4.7.3 Key Players in India
- 4.7.4 India In-vehicle Sensors Import & Export

4.8 Other Regions

5 In-vehicle Sensors Consumption by Regions
- 5.1 Global In-vehicle Sensors Consumption by Regions
  - 5.1.1 Global In-vehicle Sensors Consumption by Regions
  - 5.1.2 Global In-vehicle Sensors Consumption Market Share by Regions
- 5.2 North America
  - 5.2.1 North America In-vehicle Sensors Consumption by Application
  - 5.2.2 North America In-vehicle Sensors Consumption by Countries
  - 5.2.3 United States
  - 5.2.4 Canada
  - 5.2.5 Mexico
- 5.3 Europe
  - 5.3.1 Europe In-vehicle Sensors Consumption by Application
  - 5.3.2 Europe In-vehicle Sensors Consumption by Countries
  - 5.3.3 Germany
  - 5.3.4 France
  - 5.3.5 UK
  - 5.3.6 Italy
  - 5.3.7 Russia
- 5.4 Asia Pacific
  - 5.4.1 Asia Pacific In-vehicle Sensors Consumption by Application
  - 5.4.2 Asia Pacific In-vehicle Sensors Consumption by Countries
  - 5.4.3 China
  - 5.4.4 Japan
  - 5.4.5 South Korea
  - 5.4.6 India
  - 5.4.7 Australia
  - 5.4.8 Indonesia
  - 5.4.9 Thailand
  - 5.4.10 Malaysia
  - 5.4.11 Philippines
  - 5.4.12 Vietnam
- 5.5 Central & South America
  - 5.5.1 Central & South America In-vehicle Sensors Consumption by Application
  - 5.5.2 Central & South America In-vehicle Sensors Consumption by Country
  - 5.5.3 Brazil
- 5.6 Middle East and Africa
  - 5.6.1 Middle East and Africa In-vehicle Sensors Consumption by Application
  - 5.6.2 Middle East and Africa In-vehicle Sensors Consumption by Countries
  - 5.6.3 GCC Countries
  - 5.6.4 Egypt
  - 5.6.5 South Africa

6 Market Size by Type
- 6.1 Global In-vehicle Sensors Production by Type
- 6.2 Global In-vehicle Sensors Revenue by Type
- 6.3 In-vehicle Sensors Price by Type

7 Market Size by Application
- 7.1 Overview
- 7.2 Global In-vehicle Sensors Breakdown Dada by Application
  - 7.2.1 Global In-vehicle Sensors Consumption by Application
  - 7.2.2 Global In-vehicle Sensors Consumption Market Share by Application (2014-2019)

8 Key Industry Players
8.1 Robert Bosch
   • 8.1.1 Robert Bosch Company Details
   • 8.1.2 Production and Revenue of In-vehicle Sensors
   • 8.1.3 Robert Bosch In-vehicle Sensors Product Description
   • 8.1.4 SWOT Analysis
   • 8.1.5 Robert Bosch Economic Activity & Plans

8.2 Continental AG
   • 8.2.1 Continental AG Company Details
   • 8.2.2 Production and Revenue of In-vehicle Sensors
   • 8.2.3 Continental AG In-vehicle Sensors Product Description
   • 8.2.4 SWOT Analysis
   • 8.2.5 Continental AG Economic Activity & Plans

8.3 Denso Global
   • 8.3.1 Denso Global Company Details
   • 8.3.2 Production and Revenue of In-vehicle Sensors
   • 8.3.3 Denso Global In-vehicle Sensors Product Description
   • 8.3.4 SWOT Analysis
   • 8.3.5 Denso Global Economic Activity & Plans

8.4 Delphi Technologies
   • 8.4.1 Delphi Technologies Company Details
   • 8.4.2 Production and Revenue of In-vehicle Sensors
   • 8.4.3 Delphi Technologies In-vehicle Sensors Product Description
   • 8.4.4 SWOT Analysis
   • 8.4.5 Delphi Technologies Economic Activity & Plans

8.5 Allegro Microsystems
   • 8.5.1 Allegro Microsystems Company Details
   • 8.5.2 Production and Revenue of In-vehicle Sensors
   • 8.5.3 Allegro Microsystems In-vehicle Sensors Product Description
   • 8.5.4 SWOT Analysis
   • 8.5.5 Allegro Microsystems Economic Activity & Plans

8.6 Analog Devices
   • 8.6.1 Analog Devices Company Details
   • 8.6.2 Production and Revenue of In-vehicle Sensors
   • 8.6.3 Analog Devices In-vehicle Sensors Product Description
   • 8.6.4 SWOT Analysis
   • 8.6.5 Analog Devices Economic Activity & Plans

8.7 CTS Corporation
   • 8.7.1 CTS Corporation Company Details
   • 8.7.2 Production and Revenue of In-vehicle Sensors
   • 8.7.3 CTS Corporation In-vehicle Sensors Product Description
   • 8.7.4 SWOT Analysis
   • 8.7.5 CTS Corporation Economic Activity & Plans

8.8 Elmos Semiconductor
   • 8.8.1 Elmos Semiconductor Company Details
   • 8.8.2 Production and Revenue of In-vehicle Sensors
   • 8.8.3 Elmos Semiconductor In-vehicle Sensors Product Description
   • 8.8.4 SWOT Analysis
   • 8.8.5 Elmos Semiconductor Economic Activity & Plans

8.9 Infineon Technologies
   • 8.9.1 Infineon Technologies Company Details
   • 8.9.2 Production and Revenue of In-vehicle Sensors
   • 8.9.3 Infineon Technologies In-vehicle Sensors Product Description
   • 8.9.4 SWOT Analysis
   • 8.9.5 Infineon Technologies Economic Activity & Plans

8.10 TRW Automotive
   • 8.10.1 TRW Automotive Company Details
   • 8.10.2 Production and Revenue of In-vehicle Sensors
   • 8.10.3 TRW Automotive In-vehicle Sensors Product Description
   • 8.10.4 SWOT Analysis
   • 8.10.5 TRW Automotive Economic Activity & Plans

9 Entry Strategy for Key Countries
   • 9.1 Entry Strategy for United States Market
   • 9.2 Entry Strategy for China Market
   • 9.3 Entry Strategy for India Market

10 Production Forecasts
   • 10.1 In-vehicle Sensors Production and Revenue Forecast
   • 10.1.1 Global In-vehicle Sensors Production Forecast 2019-2025
   • 10.1.2 Global In-vehicle Sensors Revenue Forecast 2019-2025
   • 10.2 In-vehicle Sensors Production and Revenue Forecast by Regions
   • 10.2.1 Global In-vehicle Sensors Revenue Forecast by Regions
   • 10.3 In-vehicle Sensors Key Producers Forecast
   • 10.3.1 United States
   • 10.3.2 Europe
   • 10.3.3 China
   • 10.3.4 Japan
   • 10.3.5 South Korea
   • 10.3.6 India
   • 10.4 Forecast by Type
   • 10.4.1 Global In-vehicle Sensors Production Forecast by Type
   • 10.4.2 Global In-vehicle Sensors Revenue Forecast by Type

11 Consumption Forecast
   • 11.1 In-vehicle Sensors Consumption Forecast by Application
   • 11.2 In-vehicle Sensors Consumption Forecast by Regions
11.3 North America Market Consumption Forecast
   11.3.1 North America In-vehicle Sensors Consumption Forecast by Regions 2019-2025
   11.3.2 United States
   11.3.3 Canada
   11.3.4 Mexico

11.4 Europe Market Consumption Forecast
   11.4.1 Europe In-vehicle Sensors Consumption Forecast by Regions 2019-2025
   11.4.2 Germany
   11.4.3 France
   11.4.4 UK
   11.4.5 Italy
   11.4.6 Russia

11.5 Asia Pacific Market Consumption Forecast
   11.5.1 Asia Pacific In-vehicle Sensors Consumption Forecast by Regions 2019-2025
   11.5.2 China
   11.5.3 Japan
   11.5.4 South Korea
   11.5.5 India
   11.5.6 Australia
   11.5.7 Indonesia
   11.5.8 Thailand
   11.5.9 Malaysia
   11.5.10 Philippines
   11.5.11 Vietnam

11.6 Central & South America Market Consumption Forecast
   11.6.1 Central & South America In-vehicle Sensors Consumption Forecast by Regions 2019-2025
   11.6.2 Brazil

11.7 Middle East and Africa Market Consumption Forecast
   11.7.1 Middle East and Africa In-vehicle Sensors Consumption Forecast by Regions 2019-2025
   11.7.2 GCC Countries
   11.7.3 Egypt
   11.7.4 South Africa

12 Opportunities & Challenges, Threat and Affecting Factors
   12.1 Market Opportunities
   12.2 Market Challenges
   12.3 Porter's Five Forces Analysis

13 Key Findings in the Global In-vehicle Sensors Study

14 Appendix
   14.1 Research Methodology
      14.1.1 Methodology/Research Approach
         14.1.1.1 Research Programs/Design
         14.1.1.2 Market Size Estimation
         14.1.1.3 Market Breakdown and Data Triangulation
      14.1.2 Data Source
         14.1.2.1 Secondary Sources
         14.1.2.2 Primary Sources
   14.2 Author Details