

Opportunities and Competitive Analysis of the Sensor Market

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Abstracts

The future of the global sensor market looks attractive with opportunities in the industrial, healthcare, electronics, automotive, and aerospace/defense industries. The global sensor market is expected to reach an estimated \$267.8 billion by 2026 with a CAGR of 12.5% from 2020 to 2026. The major drivers for this market are the growth of internet of things (IoT), increasing need of automation in various industries, and miniaturization of sensors.

Emerging trends, which have a direct impact on the dynamics of the industry, include development of new product technologies, increasing usage of sensors in ADAS application, and advances in gas sensor materials and manufacturing.

A total of 94 figures / charts and 79 tables are provided in this 183-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the sensor market report, please download the report brochure.

The study includes trends and forecast for the global sensor market by product type, end use industry, and region as follows:

By Product Type [\$M shipment analysis from 2015 to 2026]:

Chemical Sensor

Temperature Sensor

Pressure Sensor

Image Sensor

Position Sensor

Bio Sensor

Flow Sensor

Level Sensor

Motion Sensor

Radar Sensor

Other Sensor

By End Use Industry [\$M shipment analysis from 2015 to 2026]:

Industrial

Automotive

Healthcare

Electronics

Aerospace and Defense

Others

By Region [\$M shipment analysis for 2015 – 2026]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Some of the sensor companies profiled in this report are Sony Corporation, STMicroelectronics, Analog Devices, Inc., ABB Ltd, NXP Semiconductors, Sensata Technologies, Texas Instruments, Robert Bosch GmbH, and Infineon Technologies AG.

Lucintel forecast that radar sensor is expected to witness the highest growth in the forecast period supported by increasing demand for sensors in advanced driving assistance system (ADAS) applications.

Industrial will remain the largest end use industry due to increased demand for automation and control in various industries, including oil and gas, chemical, and food & beverages. Healthcare industry is expected to witness the highest growth over the forecast period due to the increasing demand for Electrocardiography (ECG) sensors in cardiac treatment.

Asia Pacific is expected to remain the largest region during the forecast period due to growth in smart city projects, wearable devices, and increasing demand for ADAS in automotive industry.

Features of the Global Sensor Market

Market Size Estimates: Global sensor market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2015-2020) and forecast (2021-2026) by various segments and regions.

Segmentation Analysis: Global sensor market size by various segments, such as product type, end use industry, and regions in terms of value.

Regional Analysis: Global sensor market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different product type, end use industry, and regions for the global sensor market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the global sensor market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions

Q.1 What are some of the most promising, high-growth opportunities for the global sensor market by product type (chemical sensor, temperature sensor, pressure sensor, image sensor, position sensor, bio sensor, flow sensor, level sensor, motion sensor, radar sensor and others), by end use industry (Industrial, healthcare, electronics, automotive, aerospace & defense, and others), and by region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and

challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are some changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via product substitution?

Q.11 What M&A activity did take place in the last five years in the global sensor market?

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