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Smart Sensors - Global Market Outlook (2017-2026)

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Abstracts

According to Stratistics MRC, the Global Smart Sensors Market is accounted for $24.26 billion in 2017 and is expected to reach $123.32 billion by 2026 growing at a CAGR of 19.8% from 2017 to 2026. Some of the key factors driving the market growth are growing demand for consumer electronics products, higher demand in the healthcare and automotive industries and the growing trend of miniaturization in electronics. However, the high cost of development and lack of privacy are inhibiting the market growth.

Smart Sensor has a multi-sensing capability that measures the temperature, pressure, humidity & position and processes the data using microprocessors & advanced computation models. They offer various advantages such as high reliability, low power consumption, wireless configuration, high performance, easy maintenance, size flexibility and minimal requirement for interconnecting cables.

On the basis of Type, Position Sensors segment is going to have a lucrative growth during the forecast period owing to the growing adoption of integrated control systems in consumer electronics devices such as smartphones and tablets. These sensors play a crucial role in ensuring vehicle compliance with the slated emission riders. By geography, Asia Pacific is likely to have a huge demand due to the rising government support and rising deployment of smart city and smart infrastructure projects in this region.

Some of the key players in this market include Analog Devices, Inc., STMicroelectronics, Atmel Corporation, NXP Semiconductors N.V., Siemens AG, Robert Bosch GmbH, Eaton Corporation PLC, General Electric, Sensirion AG, Infineon Technologies AG, TE Connectivity Ltd., ABB Ltd., InvenSense, Inc., Honeywell International Inc., Emerson Electric Company and Legrand S.A.

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Components Covered:

Transceivers

Microcontrollers

Digital to Analog Converters

Analog to Digital Converters

Microcontrollers

Other Components

Types Covered:

Motion & Occupancy Sensors

Flow Sensors

Image Sensors

Water Sensors

Position Sensors

Touch Sensors

Light Sensors

Ultrasonic Sensors

Pressure Sensors

Temperature & Humidity Sensors

Other Types

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Network Connectivity Covered:

- Wireless Network Connectivity
- Wired Network Connectivity

Technologies Covered:

- Complementary Metal Oxide Semiconductor (CMOS) Technology
  - Micro Electro Mechanical Systems (MEMS) Technology
- Packaging Technology
- Other Technologies

End Users Covered:

- Building Automation Industry
- Industrial Automation Industry
- Automotive and Transportation Industry
- Aerospace & Defense Industry
- Biomedical & Healthcare Industry
- Consumer Electronics Industry
- Other End Users

Regions Covered:

- North America

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- US
- Canada
- Mexico

Europe

- Germany
- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

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- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE
- Qatar
- South Africa
- Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country level segments
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter’s five forces analysis, SWOT analysis etc.
- Strategic recommendations in key business segments based on the market estimations

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- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

- Company Profiling
  - Comprehensive profiling of additional market players (up to 3)
  - SWOT Analysis of key players (up to 3)
- Regional Segmentation
  - Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)
- Competitive Benchmarking
  - Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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