

Smart Sensors Market - Forecasts from 2016 to 2021

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Abstracts

Smart Sensor market is expected to grow at a compound annual growth rate of 15.31% over the forecast period to reach a total market size of US\$28.780 billion by 2021, from estimated value of US\$12.243 billion in 2015. Tremendous progress in the semiconductor technology has resulted in a low-cost microprocessor, thereby boosting the market for Smart Sensors. The increasing application of these sensors across different industries has provided the necessary impetus to the market growth. New technology trend of Internet of Things (IoT) will further drive the market for these sensors. Smart cities and smart factories will further require the implementation of these sensors across various applications. Americas is the major market for these sensors and will continue to dominate the global market. Asia Pacific will witness the fastest growth due to rising demand from emerging economies of China and India, while Europe Middle East and Africa region witness moderate growth as compared to the other two regions.

Research Methodology

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation.

Market Dynamics

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of smart sensors. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

Segmentation

Thirdly, smart sensors market has been segmented on the basis of type, technology, network connectivity, industry vertical and geography as below:

By Type

Flow Sensors

Position Sensors

Touch Sensors

Pressure Sensors

Temperature Sensors

Image Sensors

Motion & Occupancy Sensors

Others

By Technology

MEMS-based smart sensors

CMOS-based smart sensors

Others

By Network Connectivity

Wired

Wireless

By Industry Vertical

Manufacturing

Healthcare

Communication and Technology

Consumer Electronics

Infrastructure

Security

Others

By Geography

Americas

North America

US

Canada

Mexico

Others

South America

Brazil

Others

Europe Middle East and Africa

Europe

United Kingdom

Germany

France

Spain

Others

Middle East and Africa

Saudi Arabia

UAE

Others

Asia Pacific

Japan

China

India

Australia

Others

Market Players

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Some of the industry players profiled as part of this section are General Electric, Eaton Corporation, ABB, Honeywell International, and Analog Devices among others.

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