

Sensors for the Internet of Things - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, The Global Sensors for the Internet of Things Market is accounted for \$10.6 billion in 2016 and expected to grow at a CAGR of 35.1% to reach \$87.34 billion by 2023. The factors driving the market are lower power and longer battery life requirements; IOT applications will create new product categories, sensor multiplicity and integrated sensor developments, supportive government initiatives, market for smart devices and wearables and need for real-time computing of applications. Increasing number of connected devices and rising adoption of IOT across small and medium businesses has broadened the scope for manufacturers. On the other hand, concerns regarding security and privacy, and lack of standardization are inhibiting the market growth.

The wireless network technology held the largest share in technology market due to the availability of cloud platforms & low installation and maintenance cost compared to wired devices. Consumer electronics represents a major share to the global market due to demand for smartphones, smart TV, and smart home appliances sets. Image Sensor CMOS will grow significantly during the forecast period because CMOS technology is increasingly being used in cameras. Gyroscopes and inertial sensors are witnessing increasing demand mostly due to applications as a navigation aid to calculate the position, orientation and velocity of vehicles such as ships, aircraft and drones.

Asia Pacific is expected to grow at the highest rate during the forecast period because Governments of the various developing economies such China, India, and South Korea are collaborating with numerous public and private centers for its data and IoT center developments. North America followed by Europe is projected to be the largest market.

Some of the key players in global Sensors for the Internet of Things market are Digi

International Inc, Libelium, InvenSense Inc, Ericsson, ARM Holdings Plc, Honeywell International Inc., IBM, STMicroelectronics N.V, Robert Bosch GmbH, Infineon Technologies, Broadcom Limited (Avago), Analog Devices, Inc., Omron Corporation, Sensirion AG and Texas Instruments Incorporated.

Sensors Types Covered:

Accelerometer

Acoustic Sensor

Chemical Sensors

Mass Flow Sensor

Gyroscope

Humidity Sensor

Image Sensor CMOS

Inertial Sensor

Magnetometer

Pressure Sensor

Proximity Sensor

Temperature Sensor

Touch Sensor

CO2 Sensor

Motion Sensor

Occupancy Sensor

Intelligent Occupancy Sensors (IOS)

Image Processing Occupancy Sensors (IPOS)

Other Sensors

Radar Sensor

Light Sensor

Technologies Covered:

Wireless Network Technology

Bluetooth

Wi-Fi

Zigbee

Z-Wave

NFC

RFID

EnOcean

Thread

6lowpan

Process Field Bus (Profibus)

Dect-Ule

Wireless-Hart (Whart)

Wired Network Technology

Digital Addressable Lighting Interface (DALI)

Ethernet

Modbus

Knx

Lonworks

Other Technologies

GPS

Cellular

Sub-Gig

ISA 100

ANT+

Applications Covered:

Agriculture And Farming

Automotive

Environmental Impact Assessment

Home Automation

Healthcare

Industrial Controls

Logistics and Retailing

Security and Emergency

Water and Waste Management

Utility Metering

Smart City Application

Wearable Electronics Application

Transportation

Consumer Electronics

Corporate Offices

Entertainment

Other Applications

Solutions Covered:

Software

Application Security

Data Management

Location Analytics

Network Bandwidth Management

Network Security

Real-Time Streaming Analytics

Remote Monitoring System

Hardware

Consumer Appliances

Consumer Devices

Energy Management

Fire Protection Systems

Heating Ventilation and Air-Conditioning Systems (HVAC)

Lighting Control Systems

Security & Access Control Systems

Wearable Devices

Eyewear

Footwear

Bodywear

Regions Covered:

North America

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

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

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 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

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