

Motion Sensor Market: Trends, Opportunities and Competitive Analysis

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Abstracts

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Motion Sensor Market Trends and Forecast

The future of the motion sensor market looks attractive with opportunities in consumer electronics, automotive, industrial, healthcare, and aerospace & defense sectors. The global motion sensor market is expected to reach an estimated \$9.9 billion by 2027 and is forecast to grow at a CAGR of 6.5% from 2016 to 2021. The major drivers for this market are increasing penetration of motion sensors in smartphone and tablets, growing interactive motion gaming, and increasing safety and security features in the automotive industry.

Emerging Trends in the Motion Sensor Market

Emerging trends, which have a direct impact on the dynamics of the motion sensor industry, include increasing penetration of motion sensors in autonomous vehicles, increasing use of motion sensors in smart homes, and interactive televisions.

A total of 106 figures / charts and 34 tables are provided in this 129-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 motion sensor market report, please download the report brochure.

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

Motion Sensor Market by Sensor Type [Volume (Million Units) and \$M shipment analysis from 2016 to 2027]:

MEMS Accelerometer

MEMS Gyroscope

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Motion Sensor Market by End Use Industry [Volume (Million Units) and \$M shipment analysis from 2016 to 2027]:

Consumer Electronics

Automotive

Industrial

Healthcare

Aerospace & Defense

Others

Motion Sensor Market by Region [Volume (Million Units) and \$M shipment analysis from 2016 to 2027]:

North America

Europe

Asia Pacific

The Rest of the World

List of Motion Sensor Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies motion sensor companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the motion sensor companies profiled in this report includes.

ST Microelectronics

Murata Manufacturing

Honeywell International

NXP

Analog Devices

Microchip Technology

Invensense

Bosch Sensortec

Memsic

Kionix

Motion Sensor Market Insight

Lucintel forecasts that the consumer electronics is expected to grow with the highest growth rate in the forecast period due to increasing demand in smartphone and tablets and growth in wearable devices and in the interactive gaming market.

Lucintel forecasts that MEMS gyroscope will remain the largest segment due to its suitability for applications with low consumption requirements.

Europe is expected to remain the largest region due to its higher demand for advanced feature consumer electronics, luxury vehicles, advanced healthcare facilities, and voice-controlled equipment.

Features of Motion Sensor Market

Market Size Estimates: Security detection system market size estimation in terms of value (\$M) and volume (million units)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Market size by sensor type, end use industry, and application

Regional Analysis: Security detection system market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

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

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

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

FAQ

Q1. What is the motion sensor market size?

Answer: The global motion sensor market is expected to reach an estimated \$9.9 billion by 2027

Q2. What is the growth forecast for motion sensor market?

Answer: The motion sensor market is expected to grow at a CAGR of 6.5% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the motion sensor market?

Answer: The major drivers of growth for this market are increasing penetration of motion sensors in smartphone and tablets, growing interactive motion gaming, and increasing safety and security features in the automotive industry.

Q4. What are the major applications or end use industries for security detection system?

Answer: Lucintel predicts that consumer electronics end use market is the major end use for motion sensor

Q5. What are the emerging trends in motion sensor market?

Answer: Emerging trends, which have a direct impact on the dynamics of the motion sensor industry, include increasing penetration of motion sensors in autonomous vehicles, increasing use of motion sensors in smart homes, and interactive televisions.

Q6. Who are the key motion sensor companies?

Answer: Some of the key motion sensor companies are as follows:

ST Microelectronics

Murata Manufacturing

Honeywell International

NXP

Analog Devices

Microchip Technology

Invensense

Bosch Sensortec

Memsic

Kionix

Q7.Which motion sensor product segment will be the largest in future?

Answer: Lucintel forecasts that MEMS gyroscope will remain the largest segment due to its suitability for applications with low consumption requirements.

Q8: In motion sensor market, which region is expected to be the largest in next 5 years?

Answer:Europe is expected to remain the largest region over next 5 years

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Answer:Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global motion sensor market by end use industry (consumer electronics, automotive, industrial, healthcare, aerospace & defense, and others), sensor type (MEMS accelerometer, MEMS gyroscopes, MEMS magnetometer, MEMS combo, infrared sensor, ultrasonic sensor, microwave sensor, and others), and 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 the 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 material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

For any questions related to motion sensor market or related to motion sensor market, motion sensor manufacturers, motion sensor market share, motion sensor market analysis, motion sensor market size, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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