

Motion Sensor Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/M3F0B4DF904FEN.html>

Date: August 2022

Pages: 108

Price: US\$ 2,499.00 (Single User License)

ID: M3F0B4DF904FEN

Abstracts

The global motion sensor market size reached US\$ 5.5 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 8.5 Billion by 2027, exhibiting a growth rate (CAGR) of 7.8% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

A motion sensor, also known as a motion detector, is an electronic device that intercepts physical or kinetic movements in real time. Some of the commonly used motion sensing technologies include passive infrared, ultrasound wave, microwave and tomography. These sensors are generally embedded in home control systems, lighting control systems, physical security systems and fare collection systems. Nowadays, they are also being incorporated in consumer electronics such as smartphones, tablets, gaming consoles and fitness bands.

Motion sensors find extensive application in security systems used in both commercial and residential sectors. An increasing number of theft and robbery cases have resulted in the need for security systems in homes, shopping malls, offices and banks. These systems send an alert message on sensing an intruder and can also be connected with smartphones, wearables and tablets for notifying in case of a security breach. Additionally, the increasing demand for smartphones and tablets, along with a thriving interactive gaming industry, is also driving the market growth. Furthermore, motion sensors are also being incorporated in electrical appliances where they aid in energy saving by switching off the appliances in case of continued inactivity. Moreover, the rising disposable incomes along with rapid urbanization has resulted in the escalating employment of automated devices, such as hand dryers, doors and faucets, which is

further driving the market. Another growth-inducing factor is the widening applicability of motion sensors across industries such as automotive, aerospace and healthcare.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global motion sensor market report, along with forecasts at the global and regional level from 2022-2027. Our report has categorized the market based on technology type, embedded sensor type and end use industry.

Breakup by Technology Type:

- Infrared
- Ultrasonic
- Microwave
- Dual Technology
- Tomographic
- Others

Breakup by Embedded Sensor Type:

- MEMS Accelerometer
- MEMS Gyroscope
- MEMS Magnetometer
- Sensor Combos

Breakup by End Use Industry:

- Consumer Electronics
- Automotive
- Industrial
- Aerospace and Defense
- Healthcare
- Others

Breakup by Region:

- North America
- Europe

Asia Pacific
Middle East and Africa
Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being STMicroelectronics International N.V., Murata Manufacturing Co., Ltd., Honeywell International Inc., NXP Semiconductors N.V., Analog Devices, Inc., Microchip Technology, Inc., InvenSense, Inc., Bosch Sensortec GmbH, MEMSIC, Inc, and Kionix, Inc.

Key Questions Answered in This Report:

How has the global motion sensor market performed so far and how will it perform in the coming years?

What are the key regional markets in the global motion sensor industry?

What has been the impact of COVID-19 on the global motion sensor industry?

What is the breakup of the market based on the technology type?

What is the breakup of the market based on the embedded sensor type?

What is the breakup of the market based on the end use industry?

What are the various stages in the value chain of the global motion sensor industry?

What are the key driving factors and challenges in the global motion sensor industry?

What is the structure of the global motion sensor industry and who are the key players?

What is the degree of competition in the global motion sensor industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL MOTION SENSOR MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Technology Type
- 5.5 Market Breakup by Embedded Sensor Type
- 5.6 Market Breakup by End Use Industry
- 5.7 Market Breakup by Region
- 5.8 Market Forecast

6 MARKET BREAKUP BY TECHNOLOGY TYPE

- 6.1 Infrared
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast

6.2 Ultrasonic

6.2.1 Market Trends

6.2.2 Market Forecast

6.3 Microwave

6.3.1 Market Trends

6.3.2 Market Forecast

6.4 Dual Technology

6.4.1 Market Trends

6.4.2 Market Forecast

6.5 Tomographic

6.5.1 Market Trends

6.5.2 Market Forecast

6.6 Others

6.6.1 Market Trends

6.6.2 Market Forecast

7 MARKET BREAKUP BY EMBEDDED SENSOR TYPE

7.1 MEMS Accelerometer

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 MEMS Gyroscope

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 MEMS Magnetometer

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Sensor Combos

7.4.1 Market Trends

7.4.2 Market Forecast

8 MARKET BREAKUP BY END USE INDUSTRY

8.1 Consumer Electronics

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Automotive

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Industrial

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Aerospace and Defense

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Healthcare

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Others

8.6.1 Market Trends

8.6.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Europe

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Asia Pacific

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Middle East and Africa

9.4.1 Market Trends

9.4.2 Market Forecast

9.5 Latin America

9.5.1 Market Trends

9.5.2 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 STMicroelectronics International N.V.
 - 14.3.2 Murata Manufacturing Co., Ltd.
 - 14.3.3 Honeywell International Inc.
 - 14.3.4 NXP Semiconductors N.V.
 - 14.3.5 Analog Devices, Inc.
 - 14.3.6 Microchip Technology, Inc.
 - 14.3.7 Invensense, Inc.
 - 14.3.8 Bosch Sensortec GmbH
 - 14.3.9 MEMSIC, Inc
 - 14.3.10 Kionix, Inc.

List Of Tables

LIST OF TABLES

Table 1: Global: Motion Sensor Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Motion Sensor Market Forecast: Breakup by Technology Type (in Million US\$), 2022-2027

Table 3: Global: Motion Sensor Market Forecast: Breakup by Embedded Sensor Type (in Million US\$), 2022-2027

Table 4: Global: Motion Sensor Market Forecast: Breakup by End Use Industry (in Million US\$), 2022-2027

Table 5: Global: Motion Sensor Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Motion Sensor Market Structure

Table 7: Global: Motion Sensor Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Motion Sensor Market: Major Drivers and Challenges

Figure 2: Global: Motion Sensor Market: Sales Value (in Billion US\$), 2016 - 2021

Figure 3: Global: Motion Sensor Market: Breakup by Technology Type (in %), 2021

Figure 4: Global: Motion Sensor Market: Breakup by Embedded Sensor Type (in %), 2021

Figure 5: Global: Motion Sensor Market: Breakup by End Use Industry (in %), 2021

Figure 6: Global: Motion Sensor Market: Breakup by Region (in %), 2021

Figure 7: Global: Motion Sensor Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 8: Global: Motion Sensor Industry: SWOT Analysis

Figure 9: Global: Motion Sensor Industry: Value Chain Analysis

Figure 10: Global: Motion Sensor Industry: Porter's Five Forces Analysis

Figure 11: Global: Motion Sensor (Infrared) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 12: Global: Motion Sensor (Infrared) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 13: Global: Motion Sensor (Ultrasonic) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 14: Global: Motion Sensor (Ultrasonic) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 15: Global: Motion Sensor (Microwave) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 16: Global: Motion Sensor (Microwave) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 17: Global: Motion Sensor (Dual Technology) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 18: Global: Motion Sensor (Dual Technology) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 19: Global: Motion Sensor (Tomographic) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 20: Global: Motion Sensor (Tomographic) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 21: Global: Motion Sensor (Other Technologies) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 22: Global: Motion Sensor (Other Technologies) Market Forecast: Sales Value

(in Million US\$), 2022-2027

Figure 23: Global: Motion Sensor (MEMS Accelerometer) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 24: Global: Motion Sensor (MEMS Accelerometer) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 25: Global: Motion Sensor (MEMS Gyroscope) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 26: Global: Motion Sensor (MEMS Gyroscope) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 27: Global: Motion Sensor (MEMS Magnetometer) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 28: Global: Motion Sensor (MEMS Magnetometer) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 29: Global: Motion Sensor (Sensor Combos) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 30: Global: Motion Sensor (Sensor Combos) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 31: Global: Motion Sensor (Consumer Electronics) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 32: Global: Motion Sensor (Consumer Electronics) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 33: Global: Motion Sensor (Automotive) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 34: Global: Motion Sensor (Automotive) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 35: Global: Motion Sensor (Industrial) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 36: Global: Motion Sensor (Industrial) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 37: Global: Motion Sensor (Aerospace and Defense) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 38: Global: Motion Sensor (Aerospace and Defense) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 39: Global: Motion Sensor (Healthcare) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 40: Global: Motion Sensor (Healthcare) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 41: Global: Motion Sensor (Other End Use Industries) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 42: Global: Motion Sensor (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 43: North America: Motion Sensor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 44: North America: Motion Sensor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 45: Europe: Motion Sensor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 46: Europe: Motion Sensor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 47: Asia Pacific: Motion Sensor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 48: Asia Pacific: Motion Sensor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 49: Middle East and Africa: Motion Sensor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 50: Middle East and Africa: Motion Sensor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 51: Latin America: Motion Sensor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 52: Latin America: Motion Sensor Market Forecast: Sales Value (in Million US\$), 2022-2027

I would like to order

Product name: Motion Sensor Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/M3F0B4DF904FEN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M3F0B4DF904FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

