

# Global Passive Infrared Motion Sensor Market Growth 2025-2031

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## Abstracts

The global Passive Infrared Motion Sensor market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

A PIR motion sensor detects infrared (IR) radiation to detect the presence of an object in its close proximity.

The increasing military and defense expenditure of various countries is likely to drive the PIR motion sensor market during the predicted period.

LP Information, Inc. (LPI) ' newest research report, the "Passive Infrared Motion Sensor Industry Forecast" looks at past sales and reviews total world Passive Infrared Motion Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected Passive Infrared Motion Sensor sales for 2025 through 2031. With Passive Infrared Motion Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Passive Infrared Motion Sensor industry.

This Insight Report provides a comprehensive analysis of the global Passive Infrared Motion Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on

Passive Infrared Motion Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Passive Infrared Motion Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Passive Infrared Motion Sensor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Passive Infrared Motion Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Passive Infrared Motion Sensor market by product type, application, key manufacturers and key regions and countries.

**Segmentation by Type:**

Accelerometer

Gyroscope

Magnetometer

Combo Sensor

**Segmentation by Application:**

Consumer Electronics

Automotive

Others

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Bosch Sensortec

NXP Semiconductor

STMicroelectronics

Microchip Technology

InvenSense

Kionix

Honeywell

Murata

Analog Devices

Maxim Integrated

Knowles

KEMET

MEMSIC

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Passive Infrared Motion Sensor market?

What factors are driving Passive Infrared Motion Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Passive Infrared Motion Sensor market opportunities vary by end market size?

How does Passive Infrared Motion Sensor break out by Type, by Application?

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