

Global Passive Infrared Motion Sensor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Passive Infrared Motion Sensor market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

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.

The Global Info Research report includes an overview of the development of the Passive Infrared Motion Sensor industry chain, the market status of Consumer Electronics (Accelerometer, Gyroscope), Automotive (Accelerometer, Gyroscope), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Passive Infrared Motion Sensor.

Regionally, the report analyzes the Passive Infrared Motion Sensor markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Passive Infrared Motion Sensor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Passive Infrared Motion Sensor market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Passive Infrared Motion Sensor industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Accelerometer, Gyroscope).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Passive Infrared Motion Sensor market.

Regional Analysis: The report involves examining the Passive Infrared Motion Sensor market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Passive Infrared Motion Sensor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Passive Infrared Motion Sensor:

Company Analysis: Report covers individual Passive Infrared Motion Sensor manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Passive Infrared Motion Sensor This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Automotive).

Technology Analysis: Report covers specific technologies relevant to Passive Infrared Motion Sensor. It assesses the current state, advancements, and potential future developments in Passive Infrared Motion Sensor areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Passive Infrared Motion Sensor market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Passive Infrared Motion Sensor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Accelerometer

Gyroscope

Magnetometer

Combo Sensor

Market segment by Application

Consumer Electronics

Automotive

Others

Major players covered

Bosch Sensortec

NXP Semiconductor

STMicroelectronics

Microchip Technology

InvenSense

Kionix

Honeywell

Murata

Analog Devices

Maxim Integrated

Knowles

KEMET

MEMSIC

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Passive Infrared Motion Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Passive Infrared Motion Sensor, with price, sales, revenue and global market share of Passive Infrared Motion Sensor from 2019 to 2024.

Chapter 3, the Passive Infrared Motion Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Passive Infrared Motion Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Passive Infrared Motion Sensor market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Passive Infrared Motion Sensor.

Chapter 14 and 15, to describe Passive Infrared Motion Sensor sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Passive Infrared Motion Sensor
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Passive Infrared Motion Sensor Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Accelerometer
 - 1.3.3 Gyroscope
 - 1.3.4 Magnetometer
 - 1.3.5 Combo Sensor
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Passive Infrared Motion Sensor Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Consumer Electronics
 - 1.4.3 Automotive
 - 1.4.4 Others
- 1.5 Global Passive Infrared Motion Sensor Market Size & Forecast
 - 1.5.1 Global Passive Infrared Motion Sensor Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Passive Infrared Motion Sensor Sales Quantity (2019-2030)
 - 1.5.3 Global Passive Infrared Motion Sensor Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Bosch Sensortec
 - 2.1.1 Bosch Sensortec Details
 - 2.1.2 Bosch Sensortec Major Business
 - 2.1.3 Bosch Sensortec Passive Infrared Motion Sensor Product and Services
 - 2.1.4 Bosch Sensortec Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Bosch Sensortec Recent Developments/Updates
- 2.2 NXP Semiconductor
 - 2.2.1 NXP Semiconductor Details
 - 2.2.2 NXP Semiconductor Major Business
 - 2.2.3 NXP Semiconductor Passive Infrared Motion Sensor Product and Services
 - 2.2.4 NXP Semiconductor Passive Infrared Motion Sensor Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 NXP Semiconductor Recent Developments/Updates

2.3 STMicroelectronics

2.3.1 STMicroelectronics Details

2.3.2 STMicroelectronics Major Business

2.3.3 STMicroelectronics Passive Infrared Motion Sensor Product and Services

2.3.4 STMicroelectronics Passive Infrared Motion Sensor Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 STMicroelectronics Recent Developments/Updates

2.4 Microchip Technology

2.4.1 Microchip Technology Details

2.4.2 Microchip Technology Major Business

2.4.3 Microchip Technology Passive Infrared Motion Sensor Product and Services

2.4.4 Microchip Technology Passive Infrared Motion Sensor Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Microchip Technology Recent Developments/Updates

2.5 InvenSense

2.5.1 InvenSense Details

2.5.2 InvenSense Major Business

2.5.3 InvenSense Passive Infrared Motion Sensor Product and Services

2.5.4 InvenSense Passive Infrared Motion Sensor Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 InvenSense Recent Developments/Updates

2.6 Kionix

2.6.1 Kionix Details

2.6.2 Kionix Major Business

2.6.3 Kionix Passive Infrared Motion Sensor Product and Services

2.6.4 Kionix Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.6.5 Kionix Recent Developments/Updates

2.7 Honeywell

2.7.1 Honeywell Details

2.7.2 Honeywell Major Business

2.7.3 Honeywell Passive Infrared Motion Sensor Product and Services

2.7.4 Honeywell Passive Infrared Motion Sensor Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Honeywell Recent Developments/Updates

2.8 Murata

2.8.1 Murata Details

- 2.8.2 Murata Major Business
- 2.8.3 Murata Passive Infrared Motion Sensor Product and Services
- 2.8.4 Murata Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Murata Recent Developments/Updates
- 2.9 Analog Devices
 - 2.9.1 Analog Devices Details
 - 2.9.2 Analog Devices Major Business
 - 2.9.3 Analog Devices Passive Infrared Motion Sensor Product and Services
 - 2.9.4 Analog Devices Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Analog Devices Recent Developments/Updates
- 2.10 Maxim Integrated
 - 2.10.1 Maxim Integrated Details
 - 2.10.2 Maxim Integrated Major Business
 - 2.10.3 Maxim Integrated Passive Infrared Motion Sensor Product and Services
 - 2.10.4 Maxim Integrated Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Maxim Integrated Recent Developments/Updates
- 2.11 Knowles
 - 2.11.1 Knowles Details
 - 2.11.2 Knowles Major Business
 - 2.11.3 Knowles Passive Infrared Motion Sensor Product and Services
 - 2.11.4 Knowles Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Knowles Recent Developments/Updates
- 2.12 KEMET
 - 2.12.1 KEMET Details
 - 2.12.2 KEMET Major Business
 - 2.12.3 KEMET Passive Infrared Motion Sensor Product and Services
 - 2.12.4 KEMET Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 KEMET Recent Developments/Updates
- 2.13 MEMSIC
 - 2.13.1 MEMSIC Details
 - 2.13.2 MEMSIC Major Business
 - 2.13.3 MEMSIC Passive Infrared Motion Sensor Product and Services
 - 2.13.4 MEMSIC Passive Infrared Motion Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 MEMSIC Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PASSIVE INFRARED MOTION SENSOR BY MANUFACTURER

3.1 Global Passive Infrared Motion Sensor Sales Quantity by Manufacturer (2019-2024)

3.2 Global Passive Infrared Motion Sensor Revenue by Manufacturer (2019-2024)

3.3 Global Passive Infrared Motion Sensor Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Passive Infrared Motion Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Passive Infrared Motion Sensor Manufacturer Market Share in 2023

3.4.2 Top 6 Passive Infrared Motion Sensor Manufacturer Market Share in 2023

3.5 Passive Infrared Motion Sensor Market: Overall Company Footprint Analysis

3.5.1 Passive Infrared Motion Sensor Market: Region Footprint

3.5.2 Passive Infrared Motion Sensor Market: Company Product Type Footprint

3.5.3 Passive Infrared Motion Sensor Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Passive Infrared Motion Sensor Market Size by Region

4.1.1 Global Passive Infrared Motion Sensor Sales Quantity by Region (2019-2030)

4.1.2 Global Passive Infrared Motion Sensor Consumption Value by Region (2019-2030)

4.1.3 Global Passive Infrared Motion Sensor Average Price by Region (2019-2030)

4.2 North America Passive Infrared Motion Sensor Consumption Value (2019-2030)

4.3 Europe Passive Infrared Motion Sensor Consumption Value (2019-2030)

4.4 Asia-Pacific Passive Infrared Motion Sensor Consumption Value (2019-2030)

4.5 South America Passive Infrared Motion Sensor Consumption Value (2019-2030)

4.6 Middle East and Africa Passive Infrared Motion Sensor Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Passive Infrared Motion Sensor Sales Quantity by Type (2019-2030)

5.2 Global Passive Infrared Motion Sensor Consumption Value by Type (2019-2030)

5.3 Global Passive Infrared Motion Sensor Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Passive Infrared Motion Sensor Sales Quantity by Application (2019-2030)

6.2 Global Passive Infrared Motion Sensor Consumption Value by Application (2019-2030)

6.3 Global Passive Infrared Motion Sensor Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Passive Infrared Motion Sensor Sales Quantity by Type (2019-2030)

7.2 North America Passive Infrared Motion Sensor Sales Quantity by Application (2019-2030)

7.3 North America Passive Infrared Motion Sensor Market Size by Country

7.3.1 North America Passive Infrared Motion Sensor Sales Quantity by Country (2019-2030)

7.3.2 North America Passive Infrared Motion Sensor Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Passive Infrared Motion Sensor Sales Quantity by Type (2019-2030)

8.2 Europe Passive Infrared Motion Sensor Sales Quantity by Application (2019-2030)

8.3 Europe Passive Infrared Motion Sensor Market Size by Country

8.3.1 Europe Passive Infrared Motion Sensor Sales Quantity by Country (2019-2030)

8.3.2 Europe Passive Infrared Motion Sensor Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Passive Infrared Motion Sensor Market Size by Region

9.3.1 Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Passive Infrared Motion Sensor Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Passive Infrared Motion Sensor Sales Quantity by Type (2019-2030)

10.2 South America Passive Infrared Motion Sensor Sales Quantity by Application (2019-2030)

10.3 South America Passive Infrared Motion Sensor Market Size by Country

10.3.1 South America Passive Infrared Motion Sensor Sales Quantity by Country (2019-2030)

10.3.2 South America Passive Infrared Motion Sensor Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Passive Infrared Motion Sensor Market Size by Country

11.3.1 Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Passive Infrared Motion Sensor Consumption Value by Country (2019-2030)

- 11.3.3 Turkey Market Size and Forecast (2019-2030)
- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Passive Infrared Motion Sensor Market Drivers
- 12.2 Passive Infrared Motion Sensor Market Restraints
- 12.3 Passive Infrared Motion Sensor Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Passive Infrared Motion Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Passive Infrared Motion Sensor
- 13.3 Passive Infrared Motion Sensor Production Process
- 13.4 Passive Infrared Motion Sensor Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Passive Infrared Motion Sensor Typical Distributors
- 14.3 Passive Infrared Motion Sensor Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Passive Infrared Motion Sensor Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Passive Infrared Motion Sensor Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Bosch Sensortec Basic Information, Manufacturing Base and Competitors

Table 4. Bosch Sensortec Major Business

Table 5. Bosch Sensortec Passive Infrared Motion Sensor Product and Services

Table 6. Bosch Sensortec Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Bosch Sensortec Recent Developments/Updates

Table 8. NXP Semiconductor Basic Information, Manufacturing Base and Competitors

Table 9. NXP Semiconductor Major Business

Table 10. NXP Semiconductor Passive Infrared Motion Sensor Product and Services

Table 11. NXP Semiconductor Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. NXP Semiconductor Recent Developments/Updates

Table 13. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 14. STMicroelectronics Major Business

Table 15. STMicroelectronics Passive Infrared Motion Sensor Product and Services

Table 16. STMicroelectronics Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. STMicroelectronics Recent Developments/Updates

Table 18. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 19. Microchip Technology Major Business

Table 20. Microchip Technology Passive Infrared Motion Sensor Product and Services

Table 21. Microchip Technology Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Microchip Technology Recent Developments/Updates

Table 23. InvenSense Basic Information, Manufacturing Base and Competitors

Table 24. InvenSense Major Business

Table 25. InvenSense Passive Infrared Motion Sensor Product and Services
Table 26. InvenSense Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 27. InvenSense Recent Developments/Updates
Table 28. Kionix Basic Information, Manufacturing Base and Competitors
Table 29. Kionix Major Business
Table 30. Kionix Passive Infrared Motion Sensor Product and Services
Table 31. Kionix Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 32. Kionix Recent Developments/Updates
Table 33. Honeywell Basic Information, Manufacturing Base and Competitors
Table 34. Honeywell Major Business
Table 35. Honeywell Passive Infrared Motion Sensor Product and Services
Table 36. Honeywell Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 37. Honeywell Recent Developments/Updates
Table 38. Murata Basic Information, Manufacturing Base and Competitors
Table 39. Murata Major Business
Table 40. Murata Passive Infrared Motion Sensor Product and Services
Table 41. Murata Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 42. Murata Recent Developments/Updates
Table 43. Analog Devices Basic Information, Manufacturing Base and Competitors
Table 44. Analog Devices Major Business
Table 45. Analog Devices Passive Infrared Motion Sensor Product and Services
Table 46. Analog Devices Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 47. Analog Devices Recent Developments/Updates
Table 48. Maxim Integrated Basic Information, Manufacturing Base and Competitors
Table 49. Maxim Integrated Major Business
Table 50. Maxim Integrated Passive Infrared Motion Sensor Product and Services
Table 51. Maxim Integrated Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 52. Maxim Integrated Recent Developments/Updates
Table 53. Knowles Basic Information, Manufacturing Base and Competitors
Table 54. Knowles Major Business
Table 55. Knowles Passive Infrared Motion Sensor Product and Services

Table 56. Knowles Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 57. Knowles Recent Developments/Updates
Table 58. KEMET Basic Information, Manufacturing Base and Competitors
Table 59. KEMET Major Business
Table 60. KEMET Passive Infrared Motion Sensor Product and Services
Table 61. KEMET Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 62. KEMET Recent Developments/Updates
Table 63. MEMSIC Basic Information, Manufacturing Base and Competitors
Table 64. MEMSIC Major Business
Table 65. MEMSIC Passive Infrared Motion Sensor Product and Services
Table 66. MEMSIC Passive Infrared Motion Sensor Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 67. MEMSIC Recent Developments/Updates
Table 68. Global Passive Infrared Motion Sensor Sales Quantity by Manufacturer (2019-2024) & (Units)
Table 69. Global Passive Infrared Motion Sensor Revenue by Manufacturer (2019-2024) & (USD Million)
Table 70. Global Passive Infrared Motion Sensor Average Price by Manufacturer (2019-2024) & (USD/Unit)
Table 71. Market Position of Manufacturers in Passive Infrared Motion Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
Table 72. Head Office and Passive Infrared Motion Sensor Production Site of Key Manufacturer
Table 73. Passive Infrared Motion Sensor Market: Company Product Type Footprint
Table 74. Passive Infrared Motion Sensor Market: Company Product Application Footprint
Table 75. Passive Infrared Motion Sensor New Market Entrants and Barriers to Market Entry
Table 76. Passive Infrared Motion Sensor Mergers, Acquisition, Agreements, and Collaborations
Table 77. Global Passive Infrared Motion Sensor Sales Quantity by Region (2019-2024) & (Units)
Table 78. Global Passive Infrared Motion Sensor Sales Quantity by Region (2025-2030) & (Units)
Table 79. Global Passive Infrared Motion Sensor Consumption Value by Region (2019-2024) & (USD Million)
Table 80. Global Passive Infrared Motion Sensor Consumption Value by Region

(2025-2030) & (USD Million)

Table 81. Global Passive Infrared Motion Sensor Average Price by Region (2019-2024) & (USD/Unit)

Table 82. Global Passive Infrared Motion Sensor Average Price by Region (2025-2030) & (USD/Unit)

Table 83. Global Passive Infrared Motion Sensor Sales Quantity by Type (2019-2024) & (Units)

Table 84. Global Passive Infrared Motion Sensor Sales Quantity by Type (2025-2030) & (Units)

Table 85. Global Passive Infrared Motion Sensor Consumption Value by Type (2019-2024) & (USD Million)

Table 86. Global Passive Infrared Motion Sensor Consumption Value by Type (2025-2030) & (USD Million)

Table 87. Global Passive Infrared Motion Sensor Average Price by Type (2019-2024) & (USD/Unit)

Table 88. Global Passive Infrared Motion Sensor Average Price by Type (2025-2030) & (USD/Unit)

Table 89. Global Passive Infrared Motion Sensor Sales Quantity by Application (2019-2024) & (Units)

Table 90. Global Passive Infrared Motion Sensor Sales Quantity by Application (2025-2030) & (Units)

Table 91. Global Passive Infrared Motion Sensor Consumption Value by Application (2019-2024) & (USD Million)

Table 92. Global Passive Infrared Motion Sensor Consumption Value by Application (2025-2030) & (USD Million)

Table 93. Global Passive Infrared Motion Sensor Average Price by Application (2019-2024) & (USD/Unit)

Table 94. Global Passive Infrared Motion Sensor Average Price by Application (2025-2030) & (USD/Unit)

Table 95. North America Passive Infrared Motion Sensor Sales Quantity by Type (2019-2024) & (Units)

Table 96. North America Passive Infrared Motion Sensor Sales Quantity by Type (2025-2030) & (Units)

Table 97. North America Passive Infrared Motion Sensor Sales Quantity by Application (2019-2024) & (Units)

Table 98. North America Passive Infrared Motion Sensor Sales Quantity by Application (2025-2030) & (Units)

Table 99. North America Passive Infrared Motion Sensor Sales Quantity by Country (2019-2024) & (Units)

Table 100. North America Passive Infrared Motion Sensor Sales Quantity by Country (2025-2030) & (Units)

Table 101. North America Passive Infrared Motion Sensor Consumption Value by Country (2019-2024) & (USD Million)

Table 102. North America Passive Infrared Motion Sensor Consumption Value by Country (2025-2030) & (USD Million)

Table 103. Europe Passive Infrared Motion Sensor Sales Quantity by Type (2019-2024) & (Units)

Table 104. Europe Passive Infrared Motion Sensor Sales Quantity by Type (2025-2030) & (Units)

Table 105. Europe Passive Infrared Motion Sensor Sales Quantity by Application (2019-2024) & (Units)

Table 106. Europe Passive Infrared Motion Sensor Sales Quantity by Application (2025-2030) & (Units)

Table 107. Europe Passive Infrared Motion Sensor Sales Quantity by Country (2019-2024) & (Units)

Table 108. Europe Passive Infrared Motion Sensor Sales Quantity by Country (2025-2030) & (Units)

Table 109. Europe Passive Infrared Motion Sensor Consumption Value by Country (2019-2024) & (USD Million)

Table 110. Europe Passive Infrared Motion Sensor Consumption Value by Country (2025-2030) & (USD Million)

Table 111. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Type (2019-2024) & (Units)

Table 112. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Type (2025-2030) & (Units)

Table 113. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Application (2019-2024) & (Units)

Table 114. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Application (2025-2030) & (Units)

Table 115. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Region (2019-2024) & (Units)

Table 116. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity by Region (2025-2030) & (Units)

Table 117. Asia-Pacific Passive Infrared Motion Sensor Consumption Value by Region (2019-2024) & (USD Million)

Table 118. Asia-Pacific Passive Infrared Motion Sensor Consumption Value by Region (2025-2030) & (USD Million)

Table 119. South America Passive Infrared Motion Sensor Sales Quantity by Type

(2019-2024) & (Units)

Table 120. South America Passive Infrared Motion Sensor Sales Quantity by Type
(2025-2030) & (Units)

Table 121. South America Passive Infrared Motion Sensor Sales Quantity by
Application (2019-2024) & (Units)

Table 122. South America Passive Infrared Motion Sensor Sales Quantity by
Application (2025-2030) & (Units)

Table 123. South America Passive Infrared Motion Sensor Sales Quantity by Country
(2019-2024) & (Units)

Table 124. South America Passive Infrared Motion Sensor Sales Quantity by Country
(2025-2030) & (Units)

Table 125. South America Passive Infrared Motion Sensor Consumption Value by
Country (2019-2024) & (USD Million)

Table 126. South America Passive Infrared Motion Sensor Consumption Value by
Country (2025-2030) & (USD Million)

Table 127. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by Type
(2019-2024) & (Units)

Table 128. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by Type
(2025-2030) & (Units)

Table 129. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by
Application (2019-2024) & (Units)

Table 130. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by
Application (2025-2030) & (Units)

Table 131. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by
Region (2019-2024) & (Units)

Table 132. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity by
Region (2025-2030) & (Units)

Table 133. Middle East & Africa Passive Infrared Motion Sensor Consumption Value by
Region (2019-2024) & (USD Million)

Table 134. Middle East & Africa Passive Infrared Motion Sensor Consumption Value by
Region (2025-2030) & (USD Million)

Table 135. Passive Infrared Motion Sensor Raw Material

Table 136. Key Manufacturers of Passive Infrared Motion Sensor Raw Materials

Table 137. Passive Infrared Motion Sensor Typical Distributors

Table 138. Passive Infrared Motion Sensor Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Passive Infrared Motion Sensor Picture

Figure 2. Global Passive Infrared Motion Sensor Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Passive Infrared Motion Sensor Consumption Value Market Share by Type in 2023

Figure 4. Accelerometer Examples

Figure 5. Gyroscope Examples

Figure 6. Magnetometer Examples

Figure 7. Combo Sensor Examples

Figure 8. Global Passive Infrared Motion Sensor Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Passive Infrared Motion Sensor Consumption Value Market Share by Application in 2023

Figure 10. Consumer Electronics Examples

Figure 11. Automotive Examples

Figure 12. Others Examples

Figure 13. Global Passive Infrared Motion Sensor Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Passive Infrared Motion Sensor Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Passive Infrared Motion Sensor Sales Quantity (2019-2030) & (Units)

Figure 16. Global Passive Infrared Motion Sensor Average Price (2019-2030) & (USD/Unit)

Figure 17. Global Passive Infrared Motion Sensor Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Passive Infrared Motion Sensor Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Passive Infrared Motion Sensor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Passive Infrared Motion Sensor Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Passive Infrared Motion Sensor Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Passive Infrared Motion Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 23. Global Passive Infrared Motion Sensor Consumption Value Market Share by Region (2019-2030)

Figure 24. North America Passive Infrared Motion Sensor Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Passive Infrared Motion Sensor Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Passive Infrared Motion Sensor Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Passive Infrared Motion Sensor Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Passive Infrared Motion Sensor Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Passive Infrared Motion Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Passive Infrared Motion Sensor Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Passive Infrared Motion Sensor Average Price by Type (2019-2030) & (USD/Unit)

Figure 32. Global Passive Infrared Motion Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Passive Infrared Motion Sensor Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Passive Infrared Motion Sensor Average Price by Application (2019-2030) & (USD/Unit)

Figure 35. North America Passive Infrared Motion Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Passive Infrared Motion Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Passive Infrared Motion Sensor Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Passive Infrared Motion Sensor Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Passive Infrared Motion Sensor Sales Quantity Market Share by

Type (2019-2030)

Figure 43. Europe Passive Infrared Motion Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Passive Infrared Motion Sensor Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Passive Infrared Motion Sensor Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Passive Infrared Motion Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Passive Infrared Motion Sensor Consumption Value Market Share by Region (2019-2030)

Figure 55. China Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Passive Infrared Motion Sensor Sales Quantity Market Share by Type (2019-2030)

- Figure 62. South America Passive Infrared Motion Sensor Sales Quantity Market Share by Application (2019-2030)
- Figure 63. South America Passive Infrared Motion Sensor Sales Quantity Market Share by Country (2019-2030)
- Figure 64. South America Passive Infrared Motion Sensor Consumption Value Market Share by Country (2019-2030)
- Figure 65. Brazil Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 66. Argentina Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 67. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity Market Share by Type (2019-2030)
- Figure 68. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity Market Share by Application (2019-2030)
- Figure 69. Middle East & Africa Passive Infrared Motion Sensor Sales Quantity Market Share by Region (2019-2030)
- Figure 70. Middle East & Africa Passive Infrared Motion Sensor Consumption Value Market Share by Region (2019-2030)
- Figure 71. Turkey Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 72. Egypt Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 73. Saudi Arabia Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 74. South Africa Passive Infrared Motion Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 75. Passive Infrared Motion Sensor Market Drivers
- Figure 76. Passive Infrared Motion Sensor Market Restraints
- Figure 77. Passive Infrared Motion Sensor Market Trends
- Figure 78. Porters Five Forces Analysis
- Figure 79. Manufacturing Cost Structure Analysis of Passive Infrared Motion Sensor in 2023
- Figure 80. Manufacturing Process Analysis of Passive Infrared Motion Sensor
- Figure 81. Passive Infrared Motion Sensor Industrial Chain
- Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 83. Direct Channel Pros & Cons
- Figure 84. Indirect Channel Pros & Cons
- Figure 85. Methodology
- Figure 86. Research Process and Data Source

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