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Global Residential PIR Motion Sensor Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Residential PIR Motion Sensor market size was valued at US$ 326 million in 2025 and is forecast to a readjusted size of US$ 840 million by 2032 with a CAGR of 14.6% during review period.

A Residential Passive Infrared (PIR) Motion Sensor is a common type of sensor used in homes for detecting motion.

The growing trend towards smart homes, where various devices and systems are interconnected and controlled remotely, has propelled the demand for residential PIR motion sensors.

This report is a detailed and comprehensive analysis for global Residential PIR Motion Sensor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Residential PIR Motion Sensor market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Residential PIR Motion Sensor market size and forecasts by region and country,

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in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Residential PIR Motion Sensor market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Residential PIR Motion Sensor market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Residential PIR Motion Sensor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Residential PIR Motion Sensor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AJAX, HIKVISION, Dahua, Axis Communications, Texcom, Tunstall, OPTEX CO, Atraltech, Jablotron, Pyronix, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Residential PIR Motion Sensor market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

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Wired

Wireless

Market segment by Application

Indoor

Outdoor

Major players covered

AJAX

HIKVISION

Dahua

Axis Communications

Texcom

Tunstall

OPTEX CO

Atraltech

Jablotron

Pyronix

Crow Group

Takenaka Engineering

ELKO EP

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ZUDEN

Ningbo Pdlux Electronic

Shenzhen MINGQIAN

Essence

HW Group

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 Residential PIR Motion Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Residential PIR Motion Sensor, with price, sales quantity, revenue, and global market share of Residential PIR Motion Sensor from 2021 to 2026.

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

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Chapter 4, the Residential PIR Motion Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026.and Residential PIR Motion Sensor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Residential PIR Motion Sensor.

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

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