

Global IoT Sensors Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global IoT Sensors market size will reach 16,849 Million USD in 2025 and is projected to reach 48,957 Million USD by 2032, with a CAGR of 16.46% (2025-2032). Notably, the China IoT Sensors market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

IoT sensors are devices equipped with sensing capabilities that enable them to collect data from the physical world and transmit it to Internet of Things (IoT) devices or platforms for analysis and action. These sensors can detect and measure various environmental parameters, such as temperature, humidity, pressure, light, motion, and more. The data generated by IoT sensors is instrumental in monitoring and understanding the surrounding environment, making informed decisions, and automating processes in diverse applications like smart homes, industrial automation, agriculture, healthcare, and smart cities. IoT sensors play a pivotal role in the interconnected nature of IoT ecosystems, providing the foundational layer for real-time data acquisition and contributing to the development of smart and responsive systems. Advances in sensor technologies continue to enhance the capabilities of IoT devices, enabling more accurate and diverse data collection for a wide range of applications.

The major global manufacturers of IoT Sensors include Bosch, Honeywell, NXP, Infineon, Analog Devices, Panasonic, InvenSense, TI, Silicon Laboratories, ABB,

STMicroelectronics, TE Connectivity, Huagong Tech, Sensirion, Zhonghang Electronic Measuring Instruments, Vishay, Hanwei Electronics, Semtech, Omron, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of IoT Sensors. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global IoT Sensors market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the IoT Sensors market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of IoT Sensors industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of IoT Sensors Include:

Bosch

Honeywell

NXP

Infineon

Analog Devices

Panasonic

InvenSense

TI

Silicon Laboratories

ABB

STMicroelectronics

TE Connectivity

Huagong Tech

Sensirion

Zhonghang Electronic Measuring Instruments

Vishay

Hanwei Electronics

Semtech

Omron

IoT Sensors Product Segment Include:

Pressure Sensor

Environmental Sensor

Optical Sensor

Chemical Sensor

Motion Sensor

Others

IoT Sensors Product Application Include:

Smart City

Connected Industry

Connected Building

Connected Car

Smart Energy

Connected Health

Smart Agriculture

Others

Chapter Scope

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