

Global IoT LPWA Modules Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global IoT LPWA Modules market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

LPWA stands for Low-Power Wide-Area. The LPWA module is suitable for scenarios with a small amount of data transmission and high requirements on standby power consumption. Widely used in remote water, electricity and gas meter reading, shared bicycles, smoke sensor security and other industrial applications.

According to our research, the number of global connected IoT devices was about 14 billion, grew by 18% compared to 2021. The data released by the Office of the Central Cyberspace Affairs Commission shows that, by the end of 2022, China has built and opened a total of 2.3 million 5G base stations. 110 cities across the country have reached the gigabit city construction standards. Gigabit optical network has the ability to cover more than 500 million households. IPv6 scale deployment application is deeply promoted. The number of active users exceeds 700 million, mobile network IPv6 traffic accounted for nearly 50%. The total size of China's data center racks exceeds 6.5 million standard racks, with an average annual growth rate of more than 30% in the past five years.

This report is a detailed and comprehensive analysis for global IoT LPWA Modules 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 IoT LPWA Modules market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global IoT LPWA Modules market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global IoT LPWA Modules market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global IoT LPWA Modules market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 IoT LPWA Modules

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 IoT LPWA Modules 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 Sierra Wireless, Telit, Thales, U-blox, Sequans Communications SA, Cavli Wireless, Sony, Rolling Wireless, Quectel Wireless Solutions, Sunsea AIoT, etc.

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

Market Segmentation

IoT LPWA Modules market is split by Type and by Application. For the period 2020-2031, 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

LGA Package

Mini PCIe Package

Others

Market segment by Application

Wearable Device

Asset Tracking

Wireless POS

Smart Metering

Others

Major players covered

Sierra Wireless

Telit

Thales

U-blox

Sequans Communications SA

Cavli Wireless

Sony

Rolling Wireless

Quectel Wireless Solutions

Sunsea AIoT

Fibocom Wirelessinc

Neoway Technology

MeiG Smart Technology

GosuncnWelink Technology

China Mobile Communications Group

Huawei

Lierda Science & Technology Group

ZTE

TD Tech

Sichuan Ai-link Technology

GosuncnWelink

Wingtech Technology

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 IoT LPWA Modules product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of IoT LPWA Modules, with price, sales quantity, revenue, and global market share of IoT LPWA Modules from 2020 to 2025.

Chapter 3, the IoT LPWA Modules competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the IoT LPWA Modules breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and IoT LPWA Modules market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 IoT LPWA Modules.

Chapter 14 and 15, to describe IoT LPWA Modules sales channel, distributors, customers, research findings and conclusion.

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