

Global Industrial Wireless Routers Market Size study & Forecast, by Type (Modular Routers, Non-modular Routers), by Application (Electric Power, Postal, Water Conservancy, Environmental Protection, Meteorological, Transportation, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G2B16A29B9D1EN.html>

Date: October 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G2B16A29B9D1EN

Abstracts

Global Industrial Wireless Routers Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Industrial wireless routers are networking devices designed specifically for use in industrial environments. They provide wireless connectivity and networking capabilities to industrial systems, machinery, and devices. These routers are built to withstand harsh conditions commonly found in industrial settings, such as extreme temperatures, humidity, dust, and vibrations. Industrial wireless routers play a crucial role in enabling reliable and secure communication within industrial automation systems. They allow various devices, such as programmable logic controllers (PLCs), sensors, HMIs (human-machine interfaces), and other equipment, to connect to a wireless network and exchange data. The Industrial Wireless Routers market is expanding because of factors such as rising industrial automation and the proliferation of IoT devices in industrial settings.

The increasing adoption of Internet of Things (IoT) in industrial sectors has created a demand for wireless connectivity solutions. Industrial wireless routers provide reliable and secure connectivity, enabling the seamless integration of devices and sensors in industrial environments. According to Statista, the number of Internet of Things connected devices worldwide, in the year 2021 stood at 11.28 billion devices and which increased to 13.14 billion devices in the year 2022, further it is projected to reach 29.42

billion by the year 2030. This indicates that there has been a rise in several industries using IoT devices including industrial settings. Furthermore, the Statista report also states that the global Industrial Internet of Things (IIoT) market size in the year 2021 stood at USD 263.52 billion which increased to USD 323.62 billion in the year 2022 and it is projected to reach USD 1110 billion by year 2028. This rising market share is resulting in market growth. In addition, ongoing technological advancements in wireless communication, and the expansion of smart factories are creating lucrative opportunities in the market. However, the high cost of Industrial Wireless Routers stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Industrial Wireless Routers Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the dominance of key market players, rising adoption of IoT devices, and rising expansion of industrial automation in the region. Europe is expected to grow significantly during the forecast period, owing to factors such as rising industrial automation, rising expansion of factory automation, and rising spending on industrial development in the region.

Major market player included in this report are:

Peplink

Ruijie Networks Co., Ltd

Advantech Co Ltd

Alcatel-Lucent Enterprise

Moxa Technologies Inc

Ericsson Inc

Cisco Systems, Inc.

Creative Micro System

Shenzhen Yinghua Technology Co., Ltd

Four-Faith Communication Technology Co., Ltd.

Recent Developments in the Market:

In April 2023, IoT solution supplier Queclink unveiled WR300FG, a high-performance 5G dual SIM dual mode industrial router. The product, which makes use of Queclink's technology, intends to provide advantages, and add value for clients, partners, and other stakeholders. Even in tough settings, the new router, the WR300FG, enables dependable network performance and safe data transmission. With rapid networking, high dependability, and data security in various settings, WR300FG enables users to effortlessly access wired and wireless transmission networks.

In November 2022, Hitachi Energy unveiled a brand-new industrial wireless router that provides secure, always-on cellular connectivity for a variety of crucial applications in remote network edge locations. Monitoring voltage monitors, circuit breakers, battery storage systems, and secondary utility substations are all included in this.

Global Industrial Wireless Routers Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Modular Routers

Non-modular Routers

By Application:

Electric Power

Postal

Water Conservancy

Environmental Protection

Meteorological

Transportation

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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