

Global IO-Link Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global IO-Link market size was valued at USD 2603.2 million in 2023 and is forecast to a readjusted size of USD 5741.5 million by 2030 with a CAGR of 12.0% during review period.

IO-Link is a short distance, bi-directional, digital, point-to-point, wired (or wireless), industrial communications networking standard (IEC 61131-9) used for connecting digital sensors and actuators to either a type of industrial fieldbus or a type of industrial Ethernet. Its objective is to provide a technological platform that enables the development and use of sensors and actuators that can produce and consume enriched sets of data that in turn can be used for economically optimizing industrial automated processes and operations. An IO-Link system consists of an IO-Link master and one or more IO-Link devices, i.e. Sensors or Actuators. The IO-Link master provides the interface to the higher-level controller (PLC) and controls the communication with the connected IO-Link devices.

Global IO-Link key players include SICK, Siemens, Murrelektronik, ifm Electronic, Beckhoff, etc. Global top five manufacturers hold a share about 23%. Europe is the largest market, with a share about 36%, followed by North America and Asia Pacific, both have a share about 51 percent. In terms of product, IO-Link Master is the largest segment, with a share over 40%. And in terms of application, the largest application is Machine Tool & Assembly Line, followed by Intralogistics, etc.

The Global Info Research report includes an overview of the development of the IO-Link industry chain, the market status of Machine Tool & Assembly Line (IO-Link Master, IO-Link Sensor), Intralogistics (IO-Link Master, IO-Link Sensor), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent,

hot applications and market trends of IO-Link.

Regionally, the report analyzes the IO-Link 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 IO-Link market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the IO-Link 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 IO-Link 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 revenue generated, and market share of different by Type (e.g., IO-Link Master, IO-Link Sensor).

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 IO-Link market.

Regional Analysis: The report involves examining the IO-Link 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 IO-Link market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to IO-Link:

Company Analysis: Report covers individual IO-Link players, 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 IO-Link. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Machine Tool & Assembly Line, Intralogistics).

Technology Analysis: Report covers specific technologies relevant to IO-Link. It assesses the current state, advancements, and potential future developments in IO-Link areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the IO-Link 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

IO-Link 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 value.

Market segment by Type

IO-Link Master

IO-Link Sensor

Others

Market segment by Application

Machine Tool & Assembly Line

Intralogistics

Packaging

Others

Market segment by players, this report covers

SICK

Siemens

Murrelektronik

ifm Electronic

Rockwell Automation

Beckhoff

Baumer Group

Turck

WAGO

Belden

Bosch Rexroth

Pepperl+Fuchs

Balluff

Wenglor

Weidmüller

Omron

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe IO-Link product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of IO-Link, with revenue, gross margin and global market share of IO-Link from 2019 to 2024.

Chapter 3, the IO-Link competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and IO-Link market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of IO-Link.

Chapter 13, to describe IO-Link research findings and conclusion.

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