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Global Power over Ethernet 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 Power over Ethernet market size was valued at USD 677.6 million in 2023 and is forecast to a readjusted size of USD 1093.9 million by 2030 with a CAGR of 7.1% during review period.

Power over Ethernet or PoE describes any of several standard or ad-hoc systems which pass electric power along with data on twisted pair Ethernet cabling. This allows a single cable to provide both data connection and electric power to devices such as wireless access points, IP cameras, and VoIP phones.

The factors such as control over device, cost efficiency, efficient monitoring and flexible network architectures in various application segments has contributed to enhanced growth of the market. High adoption of the VoIP technology and rising demand for network security cameras are anticipated to drive the demand of power over Ethernet market as these devices are placed at the higher place on the wall where power is provided with the POE power cables.

The Global Info Research report includes an overview of the development of the Power over Ethernet industry chain, the market status of Security & Access Control (Up To 15.4w, Up To 30w), Connectivity (Up To 15.4w, Up To 30w), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Power over Ethernet.

Regionally, the report analyzes the Power over Ethernet 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 Power over Ethernet market, with robust domestic demand, supportive policies, and a

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strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Power over Ethernet 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 Power over Ethernet 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., Up To 15.4w, Up To 30w).

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 Power over Ethernet market.

Regional Analysis: The report involves examining the Power over Ethernet 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 Power over Ethernet market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Power over Ethernet:

Company Analysis: Report covers individual Power over Ethernet 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 Power over Ethernet This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Security &

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Access Control, Connectivity).

Technology Analysis: Report covers specific technologies relevant to Power over Ethernet. It assesses the current state, advancements, and potential future developments in Power over Ethernet areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Power over Ethernet 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

Power over Ethernet 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

Up To 15.4w

Up To 30w

Up To 60w

Up To 100w

Market segment by Application

Security & Access Control

Connectivity

Led Lighting & Control

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Infotainment

Others

Market segment by players, this report covers

Axis Communications

Maxim Integrated Products

Texas Instruments

Stmicroelectronics

Analog Devices

Broadcom

Microchip Technology

On Semiconductor

Silicon Laboratories

Monolithic Power Systems

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)

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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 Power over Ethernet product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Power over Ethernet, with revenue, gross margin and global market share of Power over Ethernet from 2019 to 2024.

Chapter 3, the Power over Ethernet 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 Power over Ethernet 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 Power over Ethernet.

Chapter 13, to describe Power over Ethernet research findings and conclusion.

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