

Global Power over Ethernet (PoE) Injector Modules Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Power over Ethernet (PoE) Injector Modules market size was valued at US\$ 382 million in 2025 and is forecast to a readjusted size of US\$ 727 million by 2032 with a CAGR of 9.6% during review period.

A Power over Ethernet (PoE) Injector Module is an embedded electronic module designed to integrate PoE power sourcing functionality directly into a device. It typically includes a PoE controller, DC-DC conversion circuitry, and isolation components. These modules are mounted on PCBs and are used by equipment manufacturers to add PoE capability to network devices such as switches, industrial controllers, or communication equipment. In 2025, global Power over Ethernet (PoE) Injector Modules production reached approximately 22710.3 k units. A PoE Injector Module (typically an embedded PSE module or a highly integrated PoE injection sub-system) sits at the component/sub-system layer of the PoE ecosystem. Upstream, it depends on PoE controller chipsets (PSE/PD controllers and managers), power devices (e.g., MOSFETs), isolation and magnetics (Ethernet transformers/inductors), DC/DC power conversion stages, protection circuits, plus PCB/connector and manufacturing services. Downstream, OEM/ODMs of PoE switches, midspan injectors, industrial Ethernet equipment, wireless infrastructure and some integrated edge devices adopt PoE injector modules to reduce design complexity, shorten time-to-market, and accelerate migration from 802.3af/at to higher-power 802.3bt implementations.

The adoption of PoE technology has been expanding rapidly across multiple sectors, including smart cities, video surveillance, enterprise networking, and industrial automation. As a result, Power over Ethernet (PoE) Injector Modules have become

increasingly important for original equipment manufacturers (OEMs) and system integrators. By using modular PoE power solutions, manufacturers can simplify system design, reduce development complexity, and accelerate time-to-market for PoE-enabled devices such as PoE switches, wireless access points, IP cameras, and industrial IoT equipment. Modern Power over Ethernet (PoE) Injector Modules now support power levels ranging from around 15 W to more than 90 W per port, enabling new applications such as high-performance wireless access points, advanced security cameras, and edge computing devices. Meanwhile, module manufacturers are focusing on improving power efficiency, thermal management, and integration density to meet the requirements of compact network equipment.

This report is a detailed and comprehensive analysis for global Power over Ethernet (PoE) Injector 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 Power over Ethernet (PoE) Injector Modules market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Power over Ethernet (PoE) Injector Modules market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Power over Ethernet (PoE) Injector Modules market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Power over Ethernet (PoE) Injector Modules market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

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 Power over Ethernet (PoE) Injector 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 Power over Ethernet (PoE) Injector 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 Silvertel, WinSystems, Murata Manufacturing, Legrand (Pass and Seymour), Shanghai Wllink, Microchip (PowerDsine), Texas Instruments, Analog Devices, Monolithic Power Systems, SDAPO, etc.

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

Market Segmentation

Power over Ethernet (PoE) Injector Modules market is split by Type and by Application. For the period 2021-2032, 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

PSE Injector Module

PD Module

Market segment by PoE Standard

IEEE 802.3af

IEEE 802.3at

IEEE 802.3bt

Others

Market segment by Port Count

Single Port

Multiple Ports

Market segment by Package

SIP

DIP

SMT

Others

Market segment by Application

Enterprise Networking / Building Low Voltage

Security Monitoring / Video

Industrial Ethernet / IIoT

Others

Major players covered

Silvertel

WinSystems

Murata Manufacturing

Legrand (Pass and Seymour)

Shanghai Wllink

Microchip (PowerDsine)

Texas Instruments

Analog Devices

Monolithic Power Systems

SDAPO

MITS Component

RECOM

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:

Global Power over Ethernet (PoE) Injector Modules Market 2026 by Manufacturers, Regions, Type and Application,...

Chapter 1, to describe Power over Ethernet (PoE) Injector Modules product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Power over Ethernet (PoE) Injector Modules, with price, sales quantity, revenue, and global market share of Power over Ethernet (PoE) Injector Modules from 2021 to 2026.

Chapter 3, the Power over Ethernet (PoE) Injector Modules competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Power over Ethernet (PoE) Injector Modules breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Power over Ethernet (PoE) Injector Modules market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Power over Ethernet (PoE) Injector Modules.

Chapter 14 and 15, to describe Power over Ethernet (PoE) Injector Modules sales channel, distributors, customers, research findings and conclusion.

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