

Unmanaged optical switches are plug-and-play network devices that provide high-speed fiber optic connectivity without requiring configuration. Overview Unmanaged optical switches are designed to automatically forward data between devices using Media Access Control (MAC) addresses, without user intervention or configuration . They are ideal for users who need simple, reliable, and high-speed connectivity without the complexity of managed network setups. These switches are commonly used in industrial automation, surveillance systems, edge computing, and small networks . Key Features Fiber Optic Connectivity: Supports SC, ST, E2000, or SFP ports for singlemode or multimode fiber, enabling high-speed data transfer and long-distance communication . High-Speed Transmission: Speeds range from 1 Gbps to 10 Gbps, ensuring minimal signal loss and low latency . Plug-and-Play Operation: No configuration is required; simply connect devices and the switch begins operating automatically . Industrial-Grade Design: Many models are temperature-hardened, vibration-resistant, and EMI-resistant, suitable for harsh environments like factories, warehouses, and control rooms . Port Options: Available in 4, 5, 8, or more ports, with some industrial models supporting up to 52 ports . Energy Efficiency: Some switches include automatic port shutdown when no data is transmitted, reducing power consumption . Advantages Ease of Deployment: Minimal setup makes them suitable for users without networking expertise . Cost-Effective: Lower initial cost compared to managed switches, while still providing reliable fiber optic connectivity . Robust Performance: Resistant to electromagnetic interference and capable of operating in extended temperature ranges, ensuring stable performance in industrial settings . Applications Industrial Networks: Connecting PLCs, RTUs, and SCADA systems over fiber optic links . Surveillance Systems: High-speed, reliable connections for cameras and monitoring equipment . Edge Computing: Quick deployment in edge devices wh...

Article Content

Cloud-Managed & Industrial Switches for SMBs

Designed for businesses of all sizes, Reyee switches offer a range of professional, reliable, and affordable switch models, from Layer 3 to unmanaged, suitable for scenarios including SOHO,

Unmanaged, Smart or Fully Managed switches

Unmanaged switches are plug-and-play and therefore the easiest to set up, offering simple connectivity with no need for management—perfect for a home or small office. Most often, unmanaged switches

Switches | Industrial Ethernet | Products | Helmholtz

With its very compact design the unmanaged Ethernet-Switch can be used for a wide range of industrial applications and convinces with its light but robust design.

Unmanaged Switches | EKS

With unmanaged functionality, these switches are easy to deploy and require minimal maintenance, making them user-friendly for both experienced network

6 to 8 port unmanaged Ethernet to fiber optic switch,

These switches provide flexibility with optional up to six RJ45 Ethernet ports and up to four optical ports, compatible with both multimode (MM) and singlemode (SM)

Managed Switch vs. Unmanaged Switch: 5 Key Differences You Need

Discover the key differences between managed and unmanaged network switches. This article highlights their key features, advantages, and helps you choose the best option.

Unmanaged Network Switches | Unmanaged Gigabit Switches

Our unmanaged gigabit switches are available for multimode or single mode fiber over a variety of link budgets. Unlike some competitor models, these switches require no in-field optical adjustments.

Industrial network switch

A network switch (or Ethernet switch) is a communication device that is used to distribute data over cable networks. It usually comes in the form of a box with several Ethernet or fiber optic ports. It

Hanutech 8 Port Gigabit Fiber Switch Unmanaged

POE switch 8 RJ45 2 SC fiber Gigabit Ethernet switch media converter Fiber Optical UTP Port Ethernet switch, the most common form of a network switch, is a computer networking device used in Ethernet

MokerLink 8 Port 10G SFP+ Unmanaged Fiber Switch, 1G/10G

Switches automatically adjust power consumption according to the link status and cable length. With metal housing and smart fan design, It can be placed virtually anywhere and operate silently.

Network Switch: Managed vs Unmanaged

This article describes the difference between managed and unmanaged network switches and provides information on how to choose the right fit for your business.

Switches

It is offering five gigabit Ethernet auto-sensing ports with wired connection speeds of up to 1,000 Mbps, this unmanaged switch lets your home or office to expand its local network and send large files to

Industrial Ethernet Switches | Phoenix Contact

Industrial unmanaged switches from Phoenix Contact feature variable numbers of ports and a narrow design. We provide unmanaged switches with a variety of functions, depending on the application.

TP1910 10GB SFP+ Switch (8 Port

The Tupavco TP1910 aggregate Ethernet switch brings high-speeds to your network. With enough ports for all your devices, and SFP+ compatibility on all

MokerLink 8 Port 10G SFP+ Unmanaged Fiber Switch, 1G/10G

About this item 10G SFP+: The network switch has 8x10Gbps SFP+ slot, every port support 10G/1G SFP module. Support Open standard SFP interface optical module, no encryption, such as multi

Unmanaged Switches

Unmanaged fiber optic switches are network switches that operate without user intervention or configuration. They automatically establish connections between devices and forward data packets

Unmanaged Switches | EKS

Unmanaged Ethernet switches with fiber optic interfaces, featuring SC/ST/E2000 connectors, cater to the growing demands of industrial networking by combining robustness, reliability, and versatility.

Managed Versus Unmanaged Switches

While managed switches cost more than unmanaged switches, the range of models available mean that there are different levels of complexity and cost for businesses of all sizes. A third type of switches,

The Difference Between Unmanaged Managed And Web-smart Switches

The Difference Between Unmanaged Managed And Web-smart Switches With regard to management options, the three primary classes of switches are Unmanaged Switches, Managed Switches, and

Unmanaged Industrial Ethernet Switches

Switches are active network components that support the structuring of an industrial communication network into electrical or optical line, star and ring structures. They specifically distribute data to the

Managed vs Unmanaged vs Smart Switch: What Are the Differences?

Discover the key differences between managed, unmanaged, and smart switches. Learn how to choose the right switch for your network based on features, control, and scalability.

Contact Us

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