ZITHA TECH SPECIALTY CABLES (Pty) Ltd

PoE switch dual-port



Overview

VERSITRON offers a range of managed PoE and PoE+ switches with copper Ethernet ports and fiber optic uplink options.

Key Takeaways

A dual-port PoE switch provides both network connectivity and Power over Ethernet to two devices, ideal for IP cameras, access points, or PoE-enabled devices in compact setups.Overview

A dual-port PoE switch is a network device that allows two devices to receive both data and electrical power over a single Ethernet cable. This eliminates the need for separate power adapters and simplifies installation, especially in locations without nearby power outlets . These switches are commonly used for IP cameras, wireless access points, and PoE routers.

Key Features
• PoE Standards: Most dual-port PoE switches support IEEE 802.3af (PoE) or 802.3at (PoE+), delivering up to 30W per port. Some advanced models support 802.3bt (PoE++), providing up to 90W per port for high-power devices .

• Data Transmission: They typically support Gigabit Ethernet (10/100/1000 Mbps), ensuring fast and reliable network connectivity .

• Range: Standard PoE can transmit power and data up to 100 meters (328 feet) over Cat5e or higher cables. Some hybrid models extend this range up to 200 meters using specialized technology .

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• Plug-and-Play: Many dual-port PoE switches are unmanaged, requiring no configuration, while others are managed, offering features like VLANs, QoS, and monitoring for enterprise applications .
Applications
• IP Surveillance: Powering and connecting security cameras without additional wiring.

• Wireless Networks: Supplying power to access points in areas without electrical outlets.

• Small Office or Home Networks: Connecting and powering PoE-enabled devices efficiently.

• Hybrid Deployments: Some switches, like the HPS-01, combine long-distance PoE transmission with standard network connectivity for flexible setups .
Considerations
• Power Budget: Ensure the switch can supply sufficient wattage for all connected devices.

• PoE Compatibility: Verify that the devices support the same PoE standard as the switch.

• Managed vs Unmanaged: Managed switches provide advanced network control, while unmanaged switches are simpler and easier to deploy. Dual-port PoE switches are compact, cost-effective solutions for powering and networking a small number of devices, making them ideal for home, small office, or specialized industrial applications .

Article Content

PoE Splitter, 2 Port Gigabit PoE Switch, Network Hub 1

□1-to-2 Gigabit PoE Splitter□This PoE-powered switch functions as a 1-to-2

Amazon : 2 Port Poe Switch

Shop 2 port PoE switches for reliable network expansion. Find gigabit options with IEEE 802.3af/at support for cameras and access

2-Port Hybrid PoE Switch

The HPS-01 is a 2-port Hybrid PoE Switch that transmits both network signals

PoE Splitter, 2 Port Gigabit PoE Switch, Network Hub 1

PoE Splitter, 2 Port Gigabit PoE Switch, Network Hub 1 in 2 Out, Supports IEEE 802.3at/af (POE+/POE)

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CyberData 2-Port PoE Gigabit Switch

Product Description The CyberData 2-Port PoE Gigabit switch is designed to expand a single PoE network connection into one or

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PoE Splitter, 2 Port Gigabit PoE Switch, Network Hub 1 in 2 Out, Supports IEEE 802.3at/af (POE+/POE) Standards, Power Over

Cisco SRW224P 24-Port 10/100 + 2-Port Gigabit Switch: WebView/PoE

The Cisco ® SRW224P 24-Port 10/100 + 2-Port Gigabit Switch (Figure 1) offers a highly secure way to expand your

Hikvision USA

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Discover durable PoE switches with 24 ports, fanless designs, and industrial-grade construction. Perfect for offices, data centers, and

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8-Port 10/100Mbps + 3-Port Gigabit Desktop Switch with 8-Port PoE+ New Compare TL-SG1428PE

PoE Switches | PoE+ to PoE++ | Power over Ethernet

With various types and sizes available, selecting the perfect PoE switch (sometimes called Ethernet switch

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Poe Switch

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PoE Switches

What is the difference between a standard network switch and a PoE switch? A standard network switch only transmits data over

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