

8-port industrial network switch



AI Overview

Industrial 8-port network switches provide robust Ethernet connectivity with features like PoE, wide temperature operation, and DIN rail or wall mounting for harsh environments.

Key Features

- Port Configuration:** Most industrial 8-port switches offer 8 Gigabit Ethernet ports supporting 10/100/1000 Mbps adaptive speeds, with some models including additional SFP slots for fiber connectivity.
- Power over Ethernet (PoE):** Certain models, such as the PLANET IGS-5225-8P2T2S and LINOVISION POE-SWF508G4P2F, provide IEEE 802.3af/at PoE, delivering up to 30–36W per port and a total PoE budget of 120–240W, suitable for powering IP cameras, wireless access points, and other network devices.
- Redundant Power & Reliability:** Many industrial switches support dual DC power inputs with automatic switchover to ensure continuous operation. Fanless designs with heat sinks reduce noise and improve energy efficiency.
- Environmental Tolerance:** Industrial switches are designed for wide temperature ranges, typically from -40°C to 75°C, and offer surge protection to withstand electrical interference and harsh conditions on factory floors or outdoor installations.
- Mounting Options:** These switches can be installed via DIN rail or wall mounting, allowing flexible deployment in control cabinets, roadside enclosures, or tight spaces.
- Management & Network Features:** Managed switches, like the PLANET IGS-5225-8P2T2S, support L2+ features, including VLANs, QoS, Spanning Tree Protocol (802.1s MSTP), and Ethernet Ring Protection Switching (G.8032 ERPS) for rapid recovery in ring networks, enhancing uptime and network reliability. Unmanaged switches, such as the Binardat 8-port model, offer plug-and-play simplicity without configuration.

Example Models

- Binardat 8-Port Gigabit DIN Rail Switch:** Unmanaged, fanless, 16Gbps switching capacity, dual power input, suitable for simple industrial networks.
- PLANET IGS-5225-8P2T2S:** Managed L2+ switch with 8 Gigabit PoE ports, SFP slots, wide temperature range, redundant power, and advanc...

Article Content

FR-7N3008/FR-7N3008P/FR-7N3008BT | Fiberroad

This technologically advanced switch is designed specifically for industrial applications, ensuring reliability and durability even in harsh environments. With

8-Port Industrial Network Switch, Gigabit, Unmanaged,

Unmanaged 8-port Gigabit Ethernet switch is designed to expand connectivity in

8-Port Managed Industrial Gigabit Ethernet Switch,

Managed 8-port Layer 2 PoE+ switch expands your Gigabit network in industrial environments, including security, utility and water/wastewater applications.

Moxa Industrial Unmanaged QOS (8 Ports)

Der Moxa EDS-2010-ML-2GTXSFP ist ein industrieller unmanaged Netzwerk-Switch, der für den Einsatz in anspruchsvollen Umgebungen konzipiert wurde. Mit einer Switching-Ebene von Layer 2 bietet

10Gtek Industrial Ethernet Media Converter 8x1000M RJ45 to 2xSFP ...

10Gtek Industrial IP40 Media Converter: 8-port Gigabit Ethernet to 2-port SFP, supports 10-55VDC power.

3onedata | Industrial Communication Solutions

3onedata is a leading supplier of industrial communication solutions, we have been dedicated to IIoT for over 20 years. Our main products include industrial Ethernet

TRENDnet 9-Port Industrial 2.5G DIN-Rail PoE++ Switch with 10G

TRENDnets 9-Port Industrial 2.5G DIN-Rail PoE++ Switch with 10G SFP+ Port (24 - 57V), model TI-BG5091B, delivers network connectivity to rugged environments, while saving you on installation

Stratix 5200 Switch

Explore the capabilities of the Allen-Bradley® Stratix® 5200 managed industrial Ethernet switch.

8-Port Industrial Network Switch, Gigabit, Unmanaged,

This space-saving switch transmits data over a Gigabit Ethernet network. Eight

TN-5300A Series

The ToughNet TN-5300A Series M12 unmanaged Ethernet switches are designed for industrial applications in harsh environments. The TN-5300A Series switches

TRENDnet 10-Port Industrial Gigabit 400W PoE++ DIN-Rail Switch, TI ...

TRENDnets 10-Port Industrial Gigabit 400W PoE++ DIN-Rail Switch, model TI-BG108, delivers network connectivity to rugged environments, while saving you on installation costs and setup time using

Network Switches

Our rack-mount industrial switches provide versatile connectivity with PoE, high-speed ports, stacking capabilities, and built-in security. These attributes make

8 ports network switch, 8 ports ethernet switch

Find your 8 ports network switch easily amongst the 329 products from the leading brands (Advantech, Winmate, PILZ, ...) on DirectIndustry, the industry specialist

Teltonika Network 10 Port Industrial Ethernet Switch

Brand Teltonika Product Type Industrial Ethernet Switch Number of Ports 10 Number of USB Ports 0 Switch Type Network Network Speed 1000Mbps Desktop/Rack Mount DIN Rail Number of RJ-45

EDS-316 Series

The EDS-316 Ethernet switches provide an economical solution for your industrial Ethernet connections. These 16-port switches come with a built-in relay warning

SCALANCE

SCALANCE-Netzwerkkomponenten bilden die Grundlage für Kommunikationsnetzwerke in der Fertigungs- und Prozessautomatisierung. Sie wurden speziell für den Einsatz in industriellen

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

Phoenix Contact 2891005 Industrial Ethernet Switch, 8

With the SFN switches, networks can be quickly and inexpensively extended up to the field level. Thanks to its narrow housing design, the variable port number and

HMS Networks

HMS creates products that enable industrial equipment to communicate and share information with software and systems. In short: Hardware Meets Software™.

8-Port Industrial Switch and 8-Port Industrial ECO

The ECO Switch also connects up to eight network devices to your ETHERNET network with transmission rates of 10, 100 or 1,000 Mbit/s. Designed for a

EDS-208 Series

The EDS-208 Series supports IEEE 802.3/802.3u/802.3x with 10/100M, full/half-duplex, MDI/MDIX auto-sensing RJ45 ports. The EDS-208 Series is rated to

Sixnet® SL-8ES-1 Unmanaged 8-port Industrial

Deliver fast, real-time deterministic switch operation to your industrial network right out of the box. No complicated setup involved. Eight 10/100BaseTX RJ-45 ports.

Sixnet® SLX-8MG-1 Managed 8-port Industrial Ethernet

The Sixnet® 8-port Managed Industrial Ethernet Switch enables fast Ethernet connectivity for industrial equipment in extreme industrial settings. Rugged and

EDS-208A Series

The EDS-208A Series 8-port industrial Ethernet switches support IEEE 802.3 and IEEE 802.3u/x with 10/100M full/half-duplex, MDI/MDI-X auto-sensing. The EDS

DIS-100G-8SW 8-Port Gigabit Unmanaged Industrial

Plug-and-play Industrial switch ideal for deployment in industrial and outdoor cabinet surveillance settings.

Contact Us

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