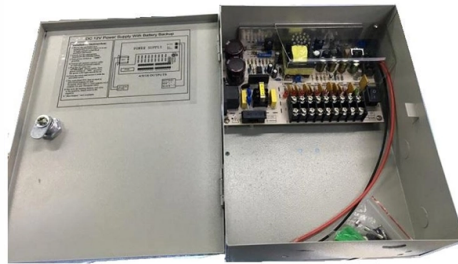


Industrial-grade switch 8-port cable connection



AI Overview

Industrial 8-port switches provide ruggedized Gigabit Ethernet connectivity with PoE options, SFP uplinks, and support for harsh environmental conditions. Key Features of Industrial 8-Port Switches

Port Configuration and Data Rates: Most industrial 8-port switches feature RJ45 ports supporting 10/100/1000 Mbps auto-negotiation, allowing connection via Cat5e, Cat6, or Cat6a cables for Gigabit speeds (WAGO 852-1102, Phoenix Contact, Eaton NGI-S08C2POE8). Some models, like the AXIS D8208-R and Edimax IGS-5408P, include SFP or SFP+ slots for fiber optic uplinks, enabling long-distance connections up to 30 km.

Power over Ethernet (PoE): Many industrial switches provide PoE or PoE++ support, delivering power to connected devices such as IP cameras, VoIP phones, or sensors. For example, AXIS D8208-R delivers up to 90 W per port, while Eaton NGI-S08C2POE8 supports PoE+ up to 30 W per port with a total power budget of 120–240 W depending on input voltage. This eliminates the need for separate power lines to devices.

Environmental and Mechanical Robustness: Industrial switches are designed for extreme temperatures, vibration, shock, and EMI/ESD protection. Typical operating ranges are -40°C to 75°C, with IP30-rated aluminum cases for dust and mechanical protection (Edimax, AXIS, Eaton). They are suitable for outdoor, factory, or transportation environments.

Redundancy and Network Reliability: Many switches support dual power inputs, RSTP/MSTP for network redundancy, and alarm relays to ensure uninterrupted operation in critical industrial applications (WAGO, Edimax). This is essential for maintaining stable connections in automated systems or surveillance networks.

Cable Connection Considerations:

- Ethernet Cables:** Use Cat5e or higher for Gigabit connections; shielded cables are recommended in high-EMI environments.
- Fiber Uplinks:** SFP/SFP+ module...

Article Content

8 Port Managed Industrial Switch, Layer 2, Din Rail

Affordable 8 ports layer 2 simple managed din-rail mounting industrial switch, optional single or dual power input, Ring redundancy technology and rugged

Industrial 8-Port 1G PoE+ + 2-Port 1G SFP Unmanaged

The DIS-100G-10P is an industrial unmanaged switch equipped with eight 1G PoE ports and two SFP ports, providing plug-and-play simplicity for deployment. The

8-Port Gigabit DIN RAIL Unmanaged Industrial Switch

The GGM INS8RG is a non-manageable Industrial switch with 8 Gigabit RJ45 ports for communication between controllers and devices in automation environments.

8-Port Industrial Network Switch, Gigabit, Unmanaged, SFP, DIN

The industrial-grade high-strength case withstands vibration, shock and free fall. It can also operate in extreme temperatures ranging from -40 to 75 degrees Celsius (-40 to 167 degrees Fahrenheit).

MokerLink 8 Port Gigabit Industrial DIN-Rail Ethernet

The industrial ethernet switch is available with 8x 1000Base TX RJ45 ports + 2x 1000Base-X optical ports and 20Gbps exchange capacity, provide enough

8 Port Managed Industrial PoE Switch With 2 Giga SFP

Equipped with 2 high-speed SFP uplink ports, the switch enables long-distance fibre optic communication, ensuring stable and low-latency connectivity. This is ideal

8-Port Industrial Network Switch, 10/100 Ethernet, DIN Mount

Unmanaged DIN-mountable 8-port Ethernet switch is designed to expand connectivity in harsh environments, including factories, warehouses and construction sites.

Managed PoE Switch | 8 Port Industrial PoE Switch | PoE++

Managed Industrial Network Switch with PoE FR-7M3408P L2+ Managed Industrial PoE switch has high-standard industrial grade and synchronously supplies power and data to power devices across

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

8-Port Managed Industrial Gigabit Ethernet Switch, PoE+, 4x SFP

Managed 8-port Layer 2 PoE+ switch with 4 SFP slots expands your Gigabit network in industrial environments, including mines, military bases and oil/gas sites.

8-Port Managed Industrial Gigabit Ethernet Switch | Eaton

8 auto-negotiable RJ45 and 2 GbE SFP ports connect devices over a LAN RJ45 ports can be repurposed as a console port for access to command line interface PoE+ ports deliver up to 30W

Industrial 8 Port Gigabit Ethernet POE+ Switch DIN Rail Mount 8 Port ...

Support Cascade Connection – The industrial PoE+ Switch with 2 SFP fiber ports, it support cascade connection, and it can save fiber cable resources. Din-Rail & Wall Mount –The Hardened Ethernet

8-Port Industrial Switch, Unmanaged, EIP QoS, DIN Mount | Eaton

Unmanaged 8-port Gigabit Ethernet switch with iQoS expands connectivity in harsh environments, including factories, warehouses and construction sites.

8-Port Managed Industrial Gigabit Ethernet Switch, PoE+, DIN

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

8-Port Industrial Ethernet Switch, EIP QoS, 10/100 Mbps, DIN Mount

Unmanaged DIN-mountable 8-port Ethernet switch with iQoS expands connectivity in harsh environments, including factories, warehouses and construction sites.

Industrial Ethernet Switches

Modernize your operations with Cisco Industrial Ethernet switches: Increase productivity, boost security, and empower industrial AI.

AXIS D8208-R Industrial PoE++ Switch

This rugged 8-port switch can deliver up to 90 W PoE++ (IEEE 802.3bt) per port, with a total power budget of 480 W. In addition, two SFP+ ports with 10 Gbit

HSP C2 Series: 8-Port PoE+ L2 Industrial Switch | IO by HFCL

Rugged 8 Port Industrial Managed Switch for Mission-Critical Networks The HSP-IO-8GE2S-I2PDH industrial managed switch comes with 8x1G access ports and 2x1G uplinks, delivering reliable

Industrial Ethernet Switches | Phoenix Contact

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE, IEC 61850 certification, and for DIN rail mounting. This gives you the flexibility to build powerful

Industrial 8-Port Gigabit PoE+ Web Managed Switch with 4 SFP Slots

The Edimax Pro IGS-5408P industrial 8-port PoE+ Gigabit web managed switch comes with 4 SFP slots for enduring, reliable, flexible industrial network deployment. Supporting the redundancy of network

Contact Us

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