

Industrial-grade 4-port switch



Article Overview

Industrial-grade four-port switches provide robust, high-speed Ethernet connectivity with PoE support, SFP uplinks, and ruggedized designs for harsh environments.

Key Features

Port Configuration and Connectivity: Most industrial four-port switches offer 4 RJ45 Gigabit Ethernet ports for high-speed data transmission, often combined with 2 SFP ports for fiber-optic uplinks, enabling long-distance communication and low-latency connections suitable for industrial backbone networks (Comxus, AXIS, FR-6S3204) .

Power over Ethernet (PoE): Many models support IEEE 802.3af/at or PoE+ standards, allowing devices like IP cameras, wireless access points, VoIP phones, and sensors to receive power directly through Ethernet cables, eliminating the need for separate power supplies and simplifying installation (Comxus, PLANET IGS-514PT) .

Ruggedized Design: Industrial switches are built to withstand extreme temperatures (-40°C to +85°C), vibration, dust, and electrical interference, often featuring metal enclosures and DIN-rail or wall mounting for installation in control panels, cabinets, or outdoor environments (Comxus, AXIS, FR-6S3204) .

Management and Network Features: Managed switches provide Layer 2 functionalities such as VLAN, QoS, RSTP, Spanning Tree, and network monitoring tools. Some models include web-based GUIs, integrated DHCP servers, and smart PoE management for remote troubleshooting and power optimization (AXIS T8504-R, Comxus) .

Power and Performance: Industrial PoE switches can deliver up to 30-120 watts total PoE power, supporting multiple high-power devices simultaneously. Some models offer redundant DC power inputs for operational reliability (PLANET IGS-514PT) .

Applications: These switches are ideal for industrial automation, surveillance systems, smart transportation, oil & gas facili...

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Industrial Switch 4-Port Gigabit PoE Management + 4 Gigabit SFP Optical Ports Featuring 4*10/100/1000M IEEE 802.3 af/at PoE

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4 ports network switch, 4 ports ethernet switch

The DS105A-F Fiber series are industrial grade fast Ethernet switches with 1 Fast Ethernet Fiber for uplink and 4 ports RJ-45 for

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4-Port Industrial PoE+ Switch with SFP

Robust Industrial Network Switch Specially designed for harsh industrial uses, hardened grade rugged IP40 aluminum housing, -40

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AXIS T8504-R Industrial PoE Switch | Axis

AXIS T8504-R Industrial PoE Switch is a 4-port managed industrial PoE Gigabit switch. In addition, the

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Ethernet Switches

Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network redundancy, strengthened

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IGS-514PT

High Power PoE Solution for Harsh Industrial Network. PLANET IGS-514PT is the smallest industrial-grade 4-Port PoE+ Switch in

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Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are a family of ruggedized Layer 2 switches designed to operate under harsh environments and

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Amazon : Throncom Industrial Gigabit 4-Port Ethernet Switch ...

Product description Unmanaged Industrial 4-Port Gigabit Ethernet Switch with SFP 12-48V DC This is a hardened industrial-grade

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Unmanaged Industrial Ethernet Switches | Rugged DIN Rail Switch

Unmanaged Industrial Ethernet Switches Compact DIN Rail Switches Industrial-grade Unmanaged Switches are "plug & play"

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4-Port Gigabit Ethernet PoE+ Industrial Switch with 2 SFP Ports — high-power PoE+ connectivity for harsh industrial environments

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The 4-Port Gigabit Ethernet Industrial Switch with 2 SFP Ports from Intellinet Network Solutions was

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Industrial Ethernet Switches with 8/16/24 Ports for

FS Industrial Ethernet Switches with robust design for harsh industrial and outdoor environments subject to

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Industrial 4-Port 10/100/1000T 802.3at PoE + 1-Port 10/100/1000T ...

With Plug and Play design, PLANET IGS-504HPT Industrial-grade, DIN-rail type Unmanaged Gigabit Ethernet PoE+ Switch,

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4 Port Managed Industrial-Grade PoE Switch With 2

Designed with industrial automation and surveillance applications in mind, this industrial PoE Ethernet

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Industrial Ethernet Switches

Built for space-constrained locations and machine integrations, these compact and secure switches offer full GE ports, flexible port

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