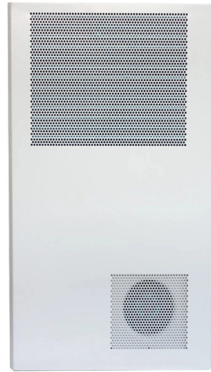


10G Fiber Optic Switch Industrial Grade



Article Overview

Industrial 10G fiber optic switches provide high-speed, reliable connectivity with rugged construction for harsh environments, supporting both unmanaged and managed configurations.

Key Features

High-Speed Connectivity: Industrial 10G switches typically feature 10G SFP+ fiber optic uplink ports for long-distance, high-bandwidth data transmission, often combined with multiple 1G/2.5G/10GBASE-T copper ports for flexible network integration (Planet IGS-1000-8T4X, ONV-IPS36248FM-8G) . **Rugged Design:** These switches are built to withstand extreme temperatures, shock, vibration, and electromagnetic interference, with operating ranges from -40°C to 75°C and IP30 or higher metal housings, making them suitable for industrial, transportation, and energy applications . **Redundancy and Reliability:** Many models include dual DC power inputs, redundant power systems, and DIN-rail mounting, ensuring continuous operation in critical environments . **Management Options:** Industrial switches are available in unmanaged, L2+, and L3 managed versions. Managed switches support VLAN, QoS, link aggregation, ACLs, ring network protocols, and remote management, enabling secure and efficient network control for complex industrial networks . **Fiber Optic Capabilities:** SFP+ slots support 10GBASE-SR (short-range) and 10GBASE-LR (long-range) transceivers, allowing distances from 300 meters (multi-mode fiber) up to 80 kilometers (single-mode fiber), ideal for connecting remote industrial sites or high-capacity servers . **Performance:** High-end industrial 10G switches provide non-blocking switch fabric with wire-speed throughput up to 96Gbps, ensuring smooth data flow for bandwidth-intensive applications like video streaming, cloud computin...

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10G uplink 24-port L2+ managed industrial Ethernet switch

L2+ managed industrial Ethernet fiber switch with 20*10/100/1000M RJ45 ports and 4*1/10G uplink SFP+ fiber ports. It support dual

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Industrial 10G Ethernet Switches | Rugged 10Gbps Switches for Harsh ...

Our rugged 10G switches provide reliable performance for critical industrial networks. Equipped with advanced features like VLAN,

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IGS-1000-8T4X

Reliable Industrial Ethernet Networks with 10G Fiber and Plug and Play Configuration. Featuring Plug and

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Industrial 10G Switches

With its 28 ports (4x 10GBase-X SFP+ slots, 24x 10/100/1000Base-T PoE+ ports according to IEEE 802.3at) this switch is suitable

Apr 27, 2026

IGS-1000-8UP4X Industrial 10G SFP PoE Switch

PLANET IGS-1000-8UP4X is an industrial-grade, DIN-rail type unmanaged gigabit ethernet switch that features eight

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Industrial 10G Switch | Industrial & Telecom Network Equipment ...

ICS-G4804X Industrial 10G Switch | Industrial & Telecom Network Equipment Manufacturer | CTC Union 48x GbE RJ45 + 4x

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QSW-IM1200-8C | Industrial-grade Fanless full 10GbE Switch to

The rugged 12-Port 10GbE Managed Switch QSW-IM1200-8C has four 10GbE SFP+ fiber ports, eight 10GbE SFP+/RJ45 combo

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Industrial Network Switches | Industrial Ethernet Switches

Industrial fiber switches are the intermediate devices that enable the conversion between Ethernet networking devices and either

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10 Gigabit SFP Switches

10 Gigabit SFP switches are the perfect choice for enterprises, data centers, and high-performance applications, offering lightning

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Amazon : Centopto Industrial 14-Port Ethernet Switch

Open 1000Base-X SFP slots support standard SFP interface optical modules without encryption, such single-mode or multi-mode

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Industrial Ethernet Switches

Unmanaged industrial Ethernet switches provide low-cost network connections with options supporting 10/100/1000BaseT, PoE++

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

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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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Fiber Optic Network Switches | Ethernet to Fiber Switches

We offer solutions that provide seamless transmission and conversion from Ethernet media to multimode or singlemode fiber. Our

Jan 14, 2026

IEC61850-3 Layer 3 10G Ethernet Switch | Industrial & Telecom

CTC Union offers a full spectrum of products, including IEC61850-3 Layer 3 10G Ethernet Switch, Industrial Ethernet, PoE, EN50155

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As an industrial Layer 3 Ethernet switch for process and transportation automation applications, IXR-GS24044X supports static and

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Carrier-grade 10G SFP+ & 8-Port PoE Fiber Switch

The LNK-IMC2X4S8GP Series represents a robust industrial-grade Ethernet switching solution engineered

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10 Gigabit SFP Switches | 10 Gig SFP Switch | 10Gbs Switch

VERSITRON's 10 Gig SFP Switches feature 4x 1G/10G SFP/SFP+ ports, providing high-speed fiber connectivity ideal for large

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Industrial Fiber Optic Switches

Know everything about hardened network switches also known as industrial grade hardened managed switch or hardened Ethernet

Nov 18, 2025

10 Gbit Industrial Rackmount Ethernet Switch | RedFox-7528 ►

In addition to the ultra-rugged IP40 fanless all metal housing, it is equipped with configurable I/O fault contacts, which makes it ideal

Dec 05, 2025

IGS-1000-4UP2X

Featuring Plug and Play and 10G SFP+ uplink ports, PLANET IGS-1000 Industrial-grade, DIN-rail type Unmanaged Gigabit Ethernet

Contact Us

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