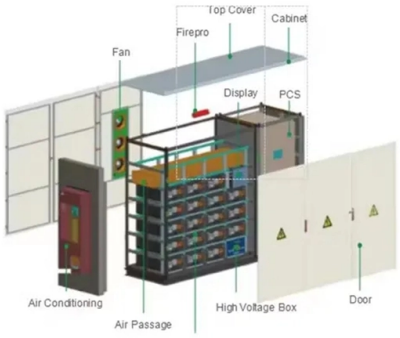
Industrial-grade switch with 8 gigabit optical ports



Overview

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

Key Takeaways

Several industrial switches offer 8 Gigabit Ethernet ports plus optical ports, designed for harsh environments with PoE support, wide temperature ranges, and ruggedized enclosures. Recommended Options1.

AXI

S D8208-RPorts: 8 Gigabit PoE++ ports, 2 SFP+ 10G optical uplinksPoE: Up to 90 W per port, total 480 WEnvironment: -40°C to 60°C, shock and vibration resistantFeatures: Managed switch with web GUI, topology overview, cable diagnostics, and device monitoringUse Cases: High-demand installations like highways, tunnels, railways, and harbors 2.

Moker

Link IND-G082GSPorts: 8x 1000Base-T RJ45, 2x 1000Base-X optical portsEnvironment: -40°C to 85°C, IP40 protection, DIN-rail mountableFeatures: Full/half duplex auto-negotiation, store-and-forward, lightning surge protection, dual redundant power supplyUse Cases: Smart city, smart transportation, industrial Ethernet access 3. IES3208P (AOA Tech)Ports: 8 Gigabit PoE+ ports, 2 fiber uplinksPoE: Supports IEEE 802. 3af/at, 15.

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4W or 30W per portEnvironment: -40°C to +85°C, IP40 aluminum enclosure, EMI protection, redundant 48-56VDC power inputsFeatures: Plug-and-play, DIN-rail or wall mounting, ideal for IP cameras, wireless APs, and VoIP phones 4. 8GE+2SFP L2+ Industrial Fast Ring Managed PoE Switch (FastCabling)Ports: 8x 10/100/1000M RJ45, 2x 1G SFPPoE: 185W budget, up to 30W per portEnvironment: -40°C to +75°C, IP40 rugged aluminum housing, enhanced surge protectionFeatures: L2+ management, VLAN, QoS, ERPS protocol, web management, redundant power inputs, battery backup supportUse Cases: Factory automation, mining, oil & gas, railway, IP surveillance Key ConsiderationsPoE Requirements: Choose a switch based on the power needs of connected devices (PoE, PoE+, PoE++)Environmental Tolerance: Ensure the switch supports the temperature range and vibration/shock conditions of your installationManagement Features: Managed switches provide monitoring, VLAN, QoS, and redundancy protocols, while unmanaged switches are simpler plug-and-playRedundant Power & Surge Protection: Critical for industrial reliability and uninterrupted operationMounting Options: DIN-rail or wall mounting for compact or remote installations These switches are suitable for industrial, transportation, and outdoor networking applications, providing both high-speed Ethernet and optical connectivity for long-distance or high-bandwidth requirements.

Article Content

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 Gigabit Ethernet Switch | Eaton

Expand your Gigabit Ethernet network into harsh environments, such as mines

HGW-808S Industrial Gigabit Switch

The HGW-808S is a 16-port Gigabit Ethernet switch with 8-port 10/100/1000Base-T (X) and 8-port 1000Base-X SFP slot for optical fiber providing stable and reliable

Ethernet Switches

Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network redundancy, strengthened security, easy management, and competitive price-to

HMS Networks

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

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8-Port Managed Industrial Gigabit Ethernet Switch, SFP, DIN | Eaton

Fully managed 8-port switch with dual SFP slots expands your Gigabit Ethernet network in harsh environments, including construction sites and factories.

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

Features 8-Port Unmanaged Gigabit Ethernet Switch Connects Your Devices to a LAN This space-saving switch transmits data over a Gigabit Ethernet network. Eight auto-negotiating 10/100/1000

8-Port Managed Industrial Gigabit Ethernet Switch | Eaton

Expand your Gigabit Ethernet network into harsh environments, such as mines and construction sites, with this 8-port Lite Managed PoE switch with IP30 casing.

NGI-M08POE8-L2 | Eaton Tripp Lite series managed industrial

8-Port Managed Industrial Gigabit Ethernet Switch - Layer 2, 1 Gbps, PoE+ 30W, -40° to 75°C, DIN Mount, TAA PoE+ ports deliver up to 30W each with a total PoE budget up to 240W

Industrial 8-Port Gigabit Ethernet Plus Switch with 2x10G

Open SFP: Open 1000Base-X SFP slots support standard SFP interface optical modules without encryption, such single-mode or multi-mode module. 10G Base-SR/LR ports supports SFP+ module.

Industrial 8-Port Gigabit PoE+ Web Managed Switch

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

HGW-808S Industrial Gigabit Switch

Buy HGW-808S: unmanaged industrial Gigabit switch with 8 RJ45 and 8 SFP ports, DIN rail, IP40, -40 to +75°C for high-fiber density in harsh environments.

Industrial Ethernet Switches

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

8-Port Industrial Network Switch, Gigabit, Unmanaged, 30W PoE+,

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

8-Port Managed Industrial Gigabit Ethernet Switch, DIN Mount

Managed 8-port Layer 2 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, 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 PoE Switch With 2 Giga SFP

The Comxus 8 Port Industrial-Grade Managed PoE Network Switch with 2 SFP Ports is a robust and intelligent networking solution designed for modern

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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