

Industrial-grade switches directly from the manufacturer



AI Overview

Industrial-grade switches are available directly from manufacturers offering rugged, customizable, and certified solutions for harsh environments and critical industrial applications.

Types of Industrial-Grade Switches

Mechanical and Electromechanical Switches: These include push-button, rotary, selector, and coded switches designed for durability, high current/voltage handling, and resistance to wear, corrosion, and harsh conditions. Many models feature IP65/IP67 ratings, high temperature tolerance, and EMI/EMC protection, making them suitable for machine control, access control, and industrial automation.

Industrial Ethernet Switches: These switches support Layer 2/3 managed or unmanaged configurations, PoE/PoE+ for powering devices, DIN-rail mounting, and operation in extreme temperatures (-40°C to +75°C). They often include features like RSTP redundancy, TSN time-sensitive networking, and PTP precision timing for mission-critical applications in rail, power grids, and manufacturing.

OEM and Customizable Switches: Many manufacturers provide OEM solutions with modular PCBA designs, embedded switchboards, and low-volume specialized units. These switches can integrate IIoT capabilities, edge computing, and network management functions, meeting the growing demand for smart, connected industrial devices.

Key Features to Consider

Ruggedization: High IP ratings (IP65/IP67), wide temperature ranges, and resistance to vibration, dust, and moisture.

Power over Ethernet (PoE): Supports powering cameras, sensors, and wireless access points directly through the network cable.

Certifications: Compliance with IEC 61850-3, IEEE 1613, EN50155, EN45545-2, and IEC62443 ensures suitability for industrial and utility environments.

Connectivity Options: RJ45, SFP, M12 connectors, and support for Gigabit or 10G Ethernet.

Customizability: Modular designs, low MOQ, and the ability...

Article Content

Industrial network switch

Find your industrial network switch easily amongst the 1,146 products from the leading brands (Hilscher, Volktek, Maisvch, ...) on DirectIndustry, the industry

Industrial Ethernet Switches

Westermo industrial Ethernet switches are designed to deliver reliable and secure communication in harsh and demanding environments. Our industrial Ethernet

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look at the list of 19 industrial ethernet switch manufacturers and their

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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

Industrial Ethernet Switches | Supplier | Maisvch

As one of the best industrial ethernet switch manufacturer in China, Maisvch offers industrial switches that are engineered for superior performance and reliability,

Industrial Networking Products & Communication

Maisvch is a leading manufacturer of industrial networking products, including rugged Ethernet switches, gateways, routers, media converters, serial/fieldbus

35 Ethernet Switch Manufacturers in 2026

35 Ethernet Switch Manufacturers in 2026 This section provides an overview for ethernet switches as well as their applications and principles. Also, please take a look at the list of 35 ethernet switch

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Industrial Ethernet Switch & Managed PoE Switch

ISO9001 manufacturer of rugged industrial ethernet switches. Get reliable L2 managed & PoE switches for harsh environments (-40 to 85°C). Request a quote!

Industrial Switches

Future-proof industrial switches are designed to meet the stringent requirements of reliable high-performance in harsh environments.

Industrial Ethernet Switches | WAGO

Industrial Switches WAGO's switch portfolio provides scalable Ethernet network infrastructure with excellent electrical and mechanical performance. These

Industrial Ethernet Switches: Benefits, Applications

Discover what industrial grade Ethernet switches are, their unique features, real-world applications, key differences from regular switches, and

Industrial Ethernet Switch & Managed PoE Switch

AOA Tech Industrial Ethernet Switches range from industrial PoE switches, industrial managed switches, industrial unmanaged switches, and so on. We can

Industrial Ethernet Switches | Industrial Network Switch

Industrial-grade Ethernet Switches are specifically designed to connect devices in network environments that are subject to extreme operating temperatures of

Network switch, Ethernet switch

A network switch (or Ethernet switch) is a communication device that is used to distribute data over cable networks. It usually comes in the form of a box with

Industrial Network Switches

Our ethernet network switches are built with industrial grade components, tested in-house & certified for reliable operation in harsh conditions. Shop now!

Top Ethernet Switch Manufacturers: Global Supplier List & Products

Identifying the "best" Ethernet switch manufacturer depends heavily on your specific needs, whether for enterprise-grade performance, industrial ruggedness, or cost-effective solutions.

Industrial Ethernet Switches

Our managed Ethernet switches, fiber switches, and router switches provide fast Ethernet and gigabit combo ports as well as numerous network protocols, such as SNMP, PROFINET, and Ethernet/IP,

Industrial Ethernet Switches

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

Industrial Ethernet Switches: Benefits, Applications & Buying Guide

Discover what industrial grade Ethernet switches are, their unique features, real-world applications, key differences from regular switches, and where to buy.

Industrial Network Switches Manufacturer | Wholesale,

We engineer and manufacture rugged, high-performance managed, unmanaged and PoE switches for the world's most demanding environments. Partner with us

Electric Switch Manufacturers | Electric Switch Suppliers

Many toggle switches can handle switching 250 VAC at currents around 1 amp, but industrial-grade toggle switches are available for higher loads and specialized

PoE Switches and Industrial Ethernet Switches

X-switches is a professional manufacturer of high-quality PoE switches and industrial Ethernet switches, offering robust, reliable networking solutions for

Top 10 Network Switch Manufacturers: Global Leaders Revealed

Other companies like DYMEC also manufacture TAA-certified Layer 2 switches in the USA, often focusing on industrial-grade products for extreme conditions. How to verify network switch

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Industrial Ethernet Switch Manufacturer

CTC Industrial Ethernet switches offer a total of 5~20 fiber/UTP ports and feature industrial-grade reliability and network redundancy. The switches offer advanced

Industrial Network Switches Manufacturer | Wholesale,

Industrial Ethernet Switch Manufacturer & Partner You Can Trust We engineer and manufacture rugged, high-performance managed, unmanaged and PoE switches

Contact Us

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