

Industrial Layer 3 Ethernet Switches



Overview

Explore industrial Layer 3 Ethernet switches designed for routing, VLAN control, and large-scale industrial networks. OEM & wholesale supply from manufacturer. Designed for harsh industrial, rail and energy environments, they enable advanced network segmentation and long service life. We offer toughened industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for rail applications. EtherWAN's Layer 3 switches can make routing decisions based on IP addresses, with support for both static routes and RIP v1/v2 protocols. Additionally, these Hardened / Industrial Ethernet switches support Virtual Router Redundancy Protocol (VRRP), which increases the availability and reliability. ORing offers a comprehensive portfolio of rugged industrial Ethernet switches, from cost-effective unmanaged and PoE models to advanced Layer 2/3 managed switches enabling precise control. The Cisco IE 3000 Series features: ●.

Article Content

Industrial Ethernet Switches | WAGO

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

Industrial Ethernet Switch / COME-STAR Communication

Industrial Ethernet switch supports a rugged case, wide operating temperature range, and high resistance to shock and vibration, ensuring reliable performance in demanding environments. With

Layer 3 Managed Switches

Moxa's Layer 3 managed switches feature industrial-grade reliability, multicast availability, and security enhancements based on the IEC 62443 standard.

Layer 3 switches

Security-enabled Ethernet gigabit modular switch with slots for twenty-four 10/100/1000 Mbps copper or 100/1000 Mbps SFP ports and four 1000/10 000 Mbps SFP ports using hot-swappable rear modules.

Industrial Ethernet Switches

Built for diverse industrial applications, these switches feature all-gigabit, high-density, all-copper or mixed copper and fiber ports, PoE options, and resiliency

Managed Industrial DIN-Rail 8-Port Gigabit Ethernet + 4-Port Gigabit ...

Diese Produktserie zeichnet sich durch ein industrielles DIN-Schienen-Design aus. Der Managed Gigabit Redundant Ethernet Switch mit 8 elektrischen und 4 optischen Ports repräsentiert eine neue

Key Insights and Forecast for Managed Gigabit Ethernet Switches

The Managed Gigabit Ethernet Switches Market is witnessing robust growth, fueled by increasing data traffic and the growing need for reliable network infrastructure. Current market

Siemens IT/OT Integration: Scalable Industrial Network Solutions | RS

Siemens drives IT/OT convergence with industrial network solutions that simplify connectivity, monitoring, and management across every layer of your facility. Rugged switches, secure

Core Switch vs. Distribution Switch vs. Access Switch

Core Switch vs. Distribution Switch vs. Access Switch: Understand Their Roles in Ethernet Networks Ethernet networks are growing and becoming more complex, with high-capacity WANs now being

Meraki Switches

Meraki MS Switches combine enterprise-grade hardware with cloud management, allowing your organization to scale effortlessly. Explore the models.

Industrial Ethernet Switches – Einfach und effektiv

Unsere Ethernet-Switches sind für den Einsatz in industriellen Umgebungen konzipiert. Sie sind robust, stoßfest und temperaturbeständig. Alle Produkte

Managed Industrial DIN-Rail 8-Port Gigabit Ethernet + 4-Port Gigabit ...

This product series features an industrial DIN-rail design. The 8-Port Electrical + 4-Port Optical Managed Gigabit Redundant Ethernet Switch represents a new generation of multi-service access switches,

June 2026 | TOP 7 Industrial PoE Switch Solutions for Outdoor ...

Cisco Industrial Ethernet Switches Cisco's Industrial Ethernet portfolio delivers ruggedized networking for outdoor surveillance with IE-series switches certified to IEC 61850-3 and

What is a Network Switch and How Does it Work?

What is an Unmanaged Switch? A basic, plug-and-play network device called unmanaged switch permits automatic communication between Ethernet devices. Where the network design is

Industrial Ethernet Switch

ORing offers a comprehensive portfolio of rugged industrial Ethernet switches, from cost-effective unmanaged and PoE models to advanced Layer 2/3 managed switches enabling precise control. Our

Ethernet Switching for AI and the Cloud | NVIDIA

Introduction NVIDIA Spectrum Ethernet Switches NVIDIA Spectrum™ Ethernet switches accelerate networking for all layers of software and hardware. Fully standards-based Ethernet, they power

Cisco Industrial Ethernet 3000 Layer 2/Layer 3 Series Switches Data ...

This data sheet describes the benefits, specifications, and ordering information for the Cisco Industrial Ethernet 3000 Series Switches.

Ethernet Switches

Our portfolio of high-performance, small-footprint, full-featured Ethernet switches offers robust, innovative features for high-temperature operation.

EDS-405A Series

The EDS-405A Series is designed especially for industrial applications. The switches support a variety of useful management functions, such as Turbo Ring, Turbo Chain, ring coupling, IGMP snooping,

Industrial Switch: Understanding Industrial Ethernet Switch ...

FiberPlex FP2008E Deliver high bandwidth or high density connections for industrial switching applications. Housed in a sturdy IP30-rated DIN-rail enclosure with wall mount options, the FP2008E

Layer 3 Switches | Industrial Ethernet Switches | EtherWAN

All lite Layer 3 switches support SNMP, port mirroring, QoS, flow control, VLANs, Link Aggregation, IGMP snooping, DHCP, and DDM. EtherWAN's Layer 3 switches can make routing decisions based

Layer 3 Industrial Ethernet Switches | Industrial Grade L3 Switch ...

Explore industrial Layer 3 Ethernet switches designed for routing, VLAN control, and large-scale industrial networks. Rugged industrial grade L3 switches with fiber and Gigabit options.

Industrielle Layer 3 Netzwerk Switche und Router □ Westermo

Westermo industrial Layer 3 Ethernet switches provide secure and reliable routing for mission-critical networks. Designed for harsh industrial, rail and energy environments, they enable advanced

Industrial Networking Products & Communication

Industrial Ethernet Switches Our industrial network switches include Layer 3/2 managed/unmanaged, PoE, DIN-rail, and Industrial 10G switches, ensuring

A2H124-24FX Foxboro Industrial Switch Datasheet & Technical Manual

Foxboro A2H124-24FX Industrial Ethernet Switch Configured for high-density fiber connectivity in industrial control networks, the Foxboro A2H124-24FX (P0973BJ Industrial Switch) provides direct

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