

Industrial Internet Layer 3 Switch



Overview

With high-speed 10-GE uplinks, high-wattage PoE options, ultra-low jitter, advanced network security features, and device-to-cloud performance monitoring with the Cisco ThousandEyes agent, these modular switches are your foundation for industrial AI. Westermo industrial Layer 3 Ethernet switches provide secure and reliable routing for mission-critical networks. Built on Westermo's WeOS operating system with IEC. Moxa's Layer 3 managed switches feature industrial-grade reliability, multicast availability, and security enhancements based on the IEC 62443 standard. These Layer 3 industrial Ethernet switches enable efficient data routing between different network segments, optimizing performance in large-scale or segmented. EtherWAN's Layer 3 switches can make routing decisions based on IP addresses, with support for both static routes and RIP v1/v2 protocols.



Article Content

Layer 3 Switches

Ethernet Gigabit Modular Switch mit Steckplätzen für vierundzwanzig 10/100/1000 MBit/s Kupfer- oder 100/1000 MBit/s SFP-Ports und vier 1000/10,000 MBit/s SFP-Ports mit Hilfe von im Betrieb

L2/L3 Managed Ethernet Switch

From Layer 2 and Layer 3 managed switches to 10G, PROFINET, and cybersecurity-focused models, our portfolio supports a wide variety of industrial networking requirements for factory automation,

Layer 3 Industrial Ethernet Switches | Industrial Grade

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

Layer 3 network switch, Layer 3 ethernet switch

Find your layer 3 network switch easily amongst the 249 products from the leading brands (Advantech, Kontron, Emerson, ...) on DirectIndustry, the industry specialist for your professional purchases.

Gartner | Delivering Actionable, Objective Insight to

Gartner provides actionable insights, guidance, and tools that enable faster, smarter decisions and stronger performance on an organization's mission-critical priorities.

Industrial Layer 3 10G Switch | Industrial & Telecom

CTC Union offers a full spectrum of products, including Industrial Layer 3 10G Switch, Industrial Ethernet, PoE, EN50155 and E-Mark certified switches. CTC

DwyerOmega | Shop for Sensing, Monitoring and

Explore DwyerOmega's comprehensive range of industrial sensing, monitoring, and control solutions from thermocouples to pressure transducers engineered for

Industrial Layer 3 Ethernet Switches | 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

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Rugged Industrial Layer 3 Switch Series – Altai Technologies

The IES3100 Series is a high performance industrial Layer 3 managed switch family engineered for mission critical applications in harsh outdoor and industrial environments.

DIN Rail & Rack Layer 3 Managed Industrial Ethernet Switches ...

Why Choose Layer 3 Managed Ethernet Switches from DYMEC? DYMEC's Layer 3 Managed switches feature industrial-grade reliability, and multicast availability. DYMEC Security Enhancements are

Layer 3 Switches | Industrial Ethernet Switches | EtherWAN

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

Why and when do you need an Industrial Layer 3 switch?

When should you use an Industrial Layer 3 switch? What is a Layer 3 switch? To put it simply, a Layer 3 switch combines the functionalities of both a switch and a

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.

The Difference Between Layer 2 And Layer 3 Industrial

Layer 2 Industrial switches fail to transfer data between LANs, while layer 3 industrial switches route data packets using IP addresses.

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

Cisco Industrial Ethernet Switching Portfolio Brochure

Cisco industrial switches offer best-in-class Cisco IOS XE Software with advanced Layer 2 and Layer 3 features, along with support for industrial protocols, such as PROFINET and EtherNet/IP, to

Layer 3 switches

Home Products Industrial communication Industrial Ethernet Switches Layer 3 switches

Types of Industrial Grade Network Switches

A Layer-3 industrial switch adds routing capabilities to the industrial ruggedness. In other words, in addition to switching (Layer 2), it can route traffic between

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 Rackmount Switch | Industrial Ethernet Switch

CTC Union offers a full spectrum of products, including Layer 3 Rackmount Switch, Industrial Ethernet, PoE, EN50155 and E-Mark certified switches. CTC Union's

Layer 3 Switching

Layer 3 Switching – Routing Between VLANs on Modern Multilayer Switches In today's high-performance networks, speed, segmentation, and scalability are crucial—especially in environments

Industrial Ethernet Switches | Phoenix Contact

Das Portfolio unserer Industrial Ethernet Switches umfasst Managed und Unmanaged Switches mit Gigabit, PoE, Zertifizierung nach IEC 61850 und zur

Layer 3 Managed Switch

Layer 3 Managed Switch 3onedata's layer 3 managed switches are the top-of-the-line in our product portfolio, both in functions, and performance. With up to 10 Gigabit connections, and support for SFP,

Layer 2 and Layer 3 Managed Switches: The "Task Allocators" and ...

In the complex network architecture of the industrial internet, Layer 2 and Layer 3 managed switches act as two parallel "expressways," respectively handling the rapid data transmission at the data link layer

Industrial Ethernet Switches – Einfach und effektiv

Alle Produkte erfüllen dabei die höchsten Anforderungen an eine zuverlässige und flexible Industrial-Ethernet-Kommunikation. Unmanaged Switches sind die

Industrial Ethernet Switches – Simple and effective

Industrial Ethernet connection technology by Weidmüller offers the optimal solution for the infrastructure of your machine, system or factory. All connection

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Industrial Ethernet Switches

Built to endure the demanding conditions of factories, transportation infrastructure, grid substations, and other harsh environments, Cisco Industrial Ethernet

Rugged Industrial Layer 3 Switch Series – Altai Technologies

With flexible management interfaces including Console, Telnet, SSH, SNMP, and Web GUI, the IES3100 offers powerful capabilities for industrial deployment and critical infrastructure

Contact Us

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