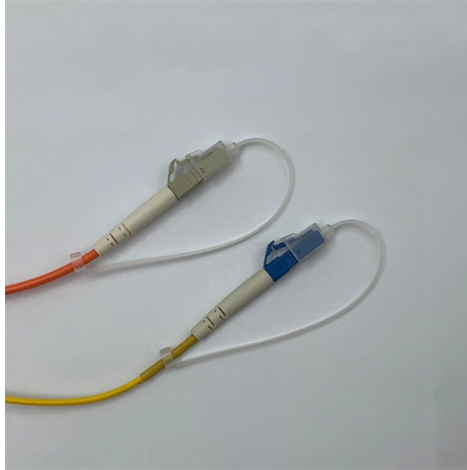


Industrial Level 3 Switch



Overview

Industrial Layer 3 switches adopt an enhanced and hardened design to meet critical and centralized requirements in Smart City, surveillance, Intelligent traffic control systems (ITS) and production automation applications. Moxa's Layer 3 managed switches feature industrial-grade reliability, multicast availability, and security enhancements based on the IEC 62443 standard. We offer toughened industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for rail applications. The Westermo range of industrial layer 3 switches provides enhanced routing functionality, all in a robust, single unit design. Our switches offer static routing, IPSec VPN support, DMZ and a powerful firewall in order to segregate networks and protect mission-critical data. With support for. What is a Layer 3 switch?

To put it simply, a Layer 3 switch combines the functionalities of both a switch and a router and operates as a switch, efficiently linking devices within the same subnet or Virtual Local Area Network (VLAN), all the while integrating IP routing intelligence to function as. Managed Switch EP7000 series, 32 SFP ports 100/1000 Mbps, degree of protection: IP20, Ambient temperature (operation): -40 °C. 85 °C, Supply voltage range: 10 V DC. These are used when devices already have local power, or when PoE is not needed. DYMEC products have the EN 50155 standard for rail.



Article Content

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

What is the purpose of Layer 3 switches? Layer 3 routing protocol is becoming more and more important to industrial network topologies, such as intelligent transportation management and applications

Industrie-Switch » Zertifizierte Industrial Ethernet Switche

Industrie-Switch » Zertifizierte Industrial Ethernet Switches (UL, CE, CCC) für den Einsatz in Medizintechnik & Maschinenbau extrem langlebig .

Industrial Ethernet Switches

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

Industrial Managed Gigabit Ethernet Switch | Antaira

Our industrial managed gigabit Ethernet switches provide a high level of EFT and ESD protection that allows for secure operation in rugged industrial

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.

Switches

Smart Items 1 - 20 of 39 IGP-1871 18-Port L2 Plus Managed Industrial PoE Switch, 2 x 1G/2.5G SFP Ports, 16-Port PoE Outputs, Power Budget 240W, 802.3af/at PoE, DIN-Rail, -40°C to 75°C IGX-2872

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

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.

Industrielle Layer 3 Netzwerk Switche und Router □ Westermo

Robuster, industrieller Switch, Router und Firewall in einer Box. Die Switches und Router der industriellen Layer-3-Klasse von Westermo, bieten hochleistungsfähige Switching und Routing in Kombinationen

Layer 3 switches

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

Managed Layer 3 Industrial Ethernet Routing Switches | Westermo

The Westermo range of industrial layer 3 switches provides enhanced routing functionality, all in a robust, single unit design. Our switches offer static routing, IPSec VPN support, DMZ and a powerful

Comprehensive Analysis of Industrial Switches

Comprehensive Analysis of Industrial Switches: An In-Depth Guide to Types, Pros and Cons, and Application Scenarios In the wave of the Industrial Internet, industrial switches, serving as

Layer 3 Network Switches

Actelis" Layer 3 network switches are managed, hardened, and feature Gigabit switching capacity, static routing, RIP v1/v2, OSPF v2, and VRRP v2.

Breaking Down the Basics of Industrial Ethernet Switches

Industrial Ethernet Switch Options There are many industrial Ethernet switch options and configurations available to meet the wide range of

Layer 3 network switch, Layer 3 ethernet switch

Find your layer 3 network switch easily amongst the 250 products from the leading brands (Kontron, Advantech, HUBER+SUHNER, ...) on DirectIndustry, the industry specialist for your professional

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.

DIN-Rail & Rack Layer 3 Industrial Ethernet Switches/Routers

Engineered to function optimally within even the harshest environments, DYMEC's Layer 3 industrial switches are well-suited for a wide variety of industry applications including Transportation,

Types of Industrial Grade Network Switches

Learn about L2 and L3 Industrial Grade Network Switches, PoE vs non-PoE types, and how to choose the right rugged switch for your industrial setup.

SCALANCE X-500 Layer 3 Industrial Switch | Siemens

Layer 3 switch with up to 52 ports & 10 GB. SCALANCE X-500 enables flexible, high-speed networking for large industrial plants.

PoE Switches

PoE Switches Items 1 - 20 of 21 IGP-1871 18-Port L2 Plus Managed Industrial PoE Switch, 2 x 1G/2.5G SFP Ports, 16-Port PoE Outputs, Power Budget 240W, 802.3af/at PoE, DIN-Rail, -40°C to 75°C IXP

Managed Layer 3 Industrial Ethernet Routing Switches

Build secure networks with Westermo managed layer 3 Ethernet switches. Advanced routing & inter-VLAN data flow. Browse the range.

Layer 3 Rackmount Switch | Industrial Ethernet Switch Manufacturer ...

Industrial Layer 3 switches adopt an enhanced and hardened design to meet critical and centralized requirements in Smart City, surveillance, Intelligent traffic control systems (ITS) and production

SCALANCE X-500 Layer-3-Industrieswitch | Siemens

Verwenden Sie SCALANCE X-500 als Switch und Router, der verschiedene Routing-Protokolle unterstützt. Verbinden Sie Ihre Industrie- und Unternehmensnetzwerke über IP-Routing und

What types of industrial-grade switches are available?

Industrial-grade switches are specifically designed for demanding environments, offering features that ensure reliability, security, and longevity in harsh

Cisco DIN Rail Industrial Switches At-a-Glance

Explore the latest Cisco Catalyst IE3x00 Rugged Series Switches at-a-glance for industrial networking.

DIN-Rail & Rack Layer 3 Industrial Ethernet Switches/Routers

DYMEC's industrial rackmount switches provide modular flexibility with high density port routing and switching capabilities. Our security features are based on the IEC 62443 standards. DYMEC

IGP-0310 3-Port Industrial Gigabit PoE PSE/PD Switch,

The LevelOne IGP-0310 is a compact 3-port Industrial Gigabit PoE PSE/PD switch designed for mission-critical networks in factories, transportation and utility sites.

Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are an excellent choice for industrial environments, including intelligent transportation systems, utilities, and smart cities. Full redundant ring technology creates fault-

Contact Us

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