

IPCOM Industrial-Grade Switches



AI Overview

IPCOM industrial-grade switches are rugged, high-performance network devices designed for harsh environments, offering Layer 2/Layer 3 management, PoE support, and reliable connectivity for industrial applications.

Overview

IPCOM industrial switches are engineered to provide robust and reliable network connectivity in demanding environments such as factories, smart cities, transportation systems, and utility networks. They combine enterprise-level performance with industrial-grade durability, supporting high-density network access, aggregation, and flexible deployment in both campus and data center convergence scenarios .

Key Features

Rugged Construction: IPCOM industrial switches typically feature metal housings, DIN-rail or rack-mountable designs, and IP-rated sealing to protect against dust and moisture. They are built to withstand extreme temperatures (often -40°C to $+85^{\circ}\text{C}$) and resist shocks, vibrations, and electromagnetic interference .

Layer 2 and Layer 3 Support: These switches operate at Layer 2 (Ethernet switching) and, in some models, Layer 3 (routing), enabling VLAN segmentation, inter-VLAN routing, static routes, and VRRP for network redundancy .

Power over Ethernet (PoE): Many IPCOM industrial switches support IEEE 802.3af, 802.3at, and 802.3bt standards, delivering up to 90W per port. This allows powering devices such as IP cameras, wireless access points, VoIP phones, and industrial controllers directly through the network cable, si...

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IPCOMM, Welcome at IPCOMM

Process automation in the industrial sector primarily relies on the use of field buses. Our protocol converter

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Managed IP67 switches 2600 and 2700 | Phoenix Contact

Managed IP67 Ethernet switches with a robust metal housing and M12 connections for use in the field - FL SWITCH 2600 and 2700.

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Industrial Ethernet Switches

Industrial Ethernet Managed Switches Industrial Grade DIN Rail Mountable up to 16 ports Wide Temp Range Option All Giga bit port,

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Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are a family of ruggedized Layer 2 switches designed to operate under harsh environments and

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Industrial Ethernet Switches | Industrial Network Switch | Perle

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

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Industrial Ethernet Switches | WAGO

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

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Industrial Ethernet Switches

Industrial Ethernet switches offer Gigabit transmission speeds, various connection options, and are built to withstand extreme

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Cisco IP66/IP67-Rated Industrial Switches At-a-Glance

These IP66/IP67-rated switches feature the same robust, reliable, secure networking and low-latency, high-bandwidth

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Durable Industrial Switches

D-Link's Industrial Switches have industrial-grade resilience to maintain your network uptime despite

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IPCOMM, Hardware

The robust and flexible industrial PC in ultra flat design. This solution offers a combination of a high degree of flexibility and

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What is the IP rating for industrial switches?

6. Conclusion The IP rating is a critical factor when selecting industrial switches, ensuring that they can operate

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Industrial Switch: Understanding Industrial Ethernet Switch ...

Industrial automation engineers have created industrial Ethernet switches by adapting Ethernet to accommodate the stringent,

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Industrial Ethernet Switches | Phoenix Contact

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE,

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Industrial Grade Switches | Industrial Ethernet Switches

Impulse Industrial grade switches suite consists of PoE, PoE+, PoE++ managed industrial ethernet switches for tough environments

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Industrial Ethernet Switches | Eaton

Tripp Lite's industrial-grade network switches expand Gigabit Ethernet connectivity to factory floors and other environments with

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Industrial Ethernet Switches

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

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Enterprise Switch-IP-COM-World Wide Wireless

IP-COM enterprise switches have advanced hardware processing capabilities and rich service features to meet users' needs for high

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Ethernet Switches

Ethernet Switches Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network

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Switch Empresarial IP-COM-IP-COM | Soluções Para ...

Os switches corporativos IP-COM possuem recursos avançados de processamento de hardware e recursos de serviço avançados

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How to pick the right Industrial Ethernet Switch for

Industrial Ethernet switches are comprised of managed and unmanaged switches with Gigabit, PoE, and

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Industrial Switch

Hikvision's industrial switches provide robust and reliable networking solutions, designed for industrial environments with advanced

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Industrial Ethernet Switches

FS Industrial Ethernet Switches with robust design for harsh industrial and outdoor environments subject to

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Industrial Switch: Understanding Industrial Ethernet Switch ...

An industrial Ethernet switch is a type of network switch designed to operate in harsh industrial environments. Oil rigs, railways,

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Industrial Ethernet Switches

Advantech's industrial Ethernet switch solutions provide an abundance of options, including Gigabit

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Industrial Ethernet Switch & Managed PoE Switch

ISO9001 manufacturer of rugged industrial ethernet switches. Get reliable L2 managed & PoE switches for

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G5328F L3 Managed Switch-IP-COM-World Wide Wireless

G5328F Overview G5328F is an IP-COM Layer-3 managed switch. To meet the demand of high-performance access, the switch

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SCALANCE

SCALANCE offers a comprehensive portfolio of industrial communication solutions. Find the perfect connection for every industrial

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Industrial Ethernet Switches

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

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Cisco IP66/IP67-Rated Industrial Switches At-a-Glance

The switches feature industrial-strength resilience with enterprise-grade scalability and manageability for building

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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

Contact Us

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