

Industrial-grade intelligent switches



Overview

ISW switches provide intelligent Layer 2 switching including Spanning Tree (STP, RSTP, MSTP), resilient LACP and advanced Ethernet Ring Protection protocols. Infineon's comprehensive and innovative portfolio of low and high-side smart power switches for automotive and industrial applications What is a smart power switch?

A smart power switch is a high-performance power MOSFET switch that controls electrical circuits while offering intelligent. Extreme Industrial Switches are a family of ruggedized Layer 2 switches designed to operate under harsh environments and extended temperature conditions. With flexible PoE options of IEEE 802.3bt. In the era of Industry 4.0, industrial networks are upgrading from "connection" to "collaboration", and traditional architectures can no longer support the real-time, reliability and security requirements of intelligent manufacturing. Our comprehensive portfolio includes unmanaged switches, managed switches, PoE switches. With robust, reliable, secure networking and low-latency, high-bandwidth communications, Cisco® DIN rail industrial switches help build the infrastructure necessary to support AI applications and accelerate innovation in demanding environments. Purpose-built for harsh conditions and critical. Rugged, easy-to-deploy switches that are certified to be reliable even in extreme environments. Endurance certifications for vibration, shock, and free-fall to keep your network resilient and running.

Article Content

Intelligent Power Switches (IPS)

ST offers a series of intelligent power switches (IPS) for high-side and low-side configurations, integrating the control section and the power stage on the same chip.

Comprehensive Analysis of Industrial Switches

In security monitoring, environmental monitoring, intelligent lighting, and other scenarios, industrial switches must connect various sensors and control devices to enable intelligent urban

Cisco DIN Rail Industrial Switches At-a-Glance

Purpose-built for harsh conditions and critical industrial applications, these switches feature industrial-strength durability and resilience with enterprise-grade scalability and

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-

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 conditions.

All Industrial Switch Products

Ruijie offers next-generation industrial Ethernet switches designed for harsh industrial environments, providing flexible full-gigabit access as well as 10GE uplink ports, and supporting a wide operating

Durable Industrial Switches

The DIS switches are designed to easily handle hot and cold temperature variances,* and can cold start at their coldest temperatures. With superior environmental

Ethernet Switches

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

Lanner Unveils IEC 61850-Certified AI-Enabled Rugged Computer and ...

The newly introduced ICS-P550 AI-Accelerated Substation Computer and ICS-P520 AI-enabled Industrial Ethernet Switch are purpose-built to power next-generation digital substations with

Contact Us

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