

# **Power Grid Communication Industrial Layer 2 Switch**





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## How to pick the right Industrial Ethernet Switch for

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Industrial Layer 2 Managed Switch Capabilities Industrial Layer 2 Managed Switches or Layer 2+ Switches are designed to operate at extreme temperatures up to -40

## Industrial Ethernet Switches , WAGO

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WAGO's switch portfolio provides scalable Ethernet network infrastructure with excellent electrical and mechanical performance. These rugged devices are

## Layer 2 Smart Switches

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Moxa's smart switches simplify daily tasks with easy configuration, quick installation, and field-site monitoring. Designed for easy connections, SCADA/HMI monitoring,

## **IGS-10020HPT/IGS-10020HPT-U**

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The IGS-10020HPT series also protects customer's industrial network connectivity with switching recovery capability that is used for implementing fault tolerant ring

## **L2/L3 Managed Ethernet Switch**

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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,



## **Reason S20**

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GE Vernova's Reason S20 series of managed Ethernet switches are designed to enable an IEC 61850 digital substation network, including IEEE 1588v2 (PTP), in harsh environments within power

## **Hardened Managed Ethernet Switches , Industrial L2/L3**

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Industrial L2/L3 managed switches for harsh environments: VLAN/QoS/IGMP control, ERPS/?-Ring & MSTP/RSTP resiliency, -40-75°C design, redundant

## **Industrial PoE & Ruggedized Ethernet Switches , RAD**

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RAD's PowerFlow-2 is an industrial-grade, ruggedized, & managed Gigabit Ethernet switch, with or without Power over Ethernet (PoE) support.

## Types of Industrial Grade Network Switches

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A Layer-2 industrial PoE switch operates at the data link layer (Ethernet switching) and adds Power over Ethernet capability to supply power

## gemanagte Industrielle Netzwerk Switche und Geräteserver, Layer 2

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Our range of managed layer 2 switches far exceeds normal industrial requirements, with rugged designs to withstand extreme temperatures and electromagnetic interference, whether mounted on a DIN-rail



## Layer 2 Switch

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Explore our selection of industrial layer 2 switches. Our industrial-grade layer 2 Ethernet switches offer unmatched reliability and performance for all your network needs. Shop now for the best in industrial

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

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The choice between Layer 2 and Layer 3 managed switches essentially involves balancing "efficiency" and "intelligence." In industrial settings, if the network scale is small and device

## Industrial IEC61850-3 Switch L2/L3

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Loop Telecom's family of Industrial Ethernet Switch for power substation are compliant



to IEC61850-3 and IEEE1613 to support the EMC environment. The

## **The Difference Between Layer 2 And Layer 3 Industrial**

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

## **RGS-P9000-HV-L2 Managed Layer 2 Switch IEC-61850 rack 4 slots**

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Managed Layer 2 Switch IEC-61850 rack 4 slots VAC Networked rugged devices are designed for use in harsh environments and are designed for use in the smart grid using the IEC-61850 standard. These



## **Industrial Ethernet Switches , Industrial Network Switch**

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Rugged Industrial Ethernet Switches with PoE, 5-10 ports, 10/100/1000Base-T and fiber support. Built to withstand -40°C to 75°C, shocks and vibration.

### **RUGGEDCOM , Siemens**

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RUGGEDCOM offers Ethernet Layer 2 rack and compact switches, Layer 3 routers and multi-service platforms, media converters, serial device servers, software,

### **Rugged Communication RUGGEDCOM Compact Switches**

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RUGGEDCOM's compact Layer 2 Ethernet switch portfolio features a wide selection of



managed and unmanaged rugged devices designed for reliable, error-free communications performance in harsh

## **RUGGEDCOM 19 Ethernet Layer 2 Switches**

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Long-haul fiber optics with high bandwidth, high port density, and cybersecurity features in RUGGEDCOM switches make them well-suited for industrial networks with an increasing number of

## **Managed Layer 2 Industrial Ethernet Switches , Westermo**

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The Westermo range of managed layer 2 industrial Ethernet switches are designed for use in harsh environments and allow you to build cost-effective, reliable,



## **Industrial Layer 3 DIN-rail Managed Ethernet Switch**

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Industrial Layer 3 DIN-rail Managed Ethernet Switch Multi 1/2.5/10G for Factory and Metropolitan Long-reach Networking PLANET IGS-6325 Series are the smallest yet high-capacity, industrial-grade

## **Industrial Ethernet Switches , Phoenix Contact**

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The Layer 2 switches in the Raptor portfolio provide reliable operation even under extreme ambient conditions. The Raptor portfolio meets the stringent

## **IEC 61850-3 Industrial Ethernet Switch , Reliable Networking for**

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Featuring robust performance, redundant network support, and compliance with IEC 61850-3 standards, these switches ensure seamless data transmission in substations,



power plants, and smart grids.

## **RUGGEDCOM Ethernet Layer 2 compact switch family**

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Common benefits and features RUGGEDCOM's compact layer 2 Ethernet switch portfolio features a wide selection of managed and unmanaged rugged devices designed for reliable, error-free communi

## **SIE\_19inch\_BRO\_EN\_11\_2019 dd**

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One such environment is the electric utility substation, where EMI levels can be significantly higher than those of the generic industrial environment defined in IEC 61000-6-2. In order to address this risk,



## Contact Us

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