

Layer 2 managed switch with all-optical



Overview

The ES2 is a high-performance managed Ethernet switch offering 16x 1 GbE ports, 4x 10 Gb fiber optic ports, and Layer 2/3 support. Features include VLAN, QoS, IPsec security, and advanced protocol management for embedded and rugged applications. Moxa's Layer 2 managed switches feature industrial-grade reliability, network redundancy, and security features 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, IEC. Scale smarter with managed switches featuring PoE, multi-gig speeds, SFP uplinks, and seamless cloud or on-site control. L2+ switches offer full L2 management, plus the incorporation of some L3. With the Industrial Ethernet switches from Siemens you can meet your specific challenges in a customized manner – our comprehensive product portfolio always has the right switch for you. Already today, Siemens relies on four-core components to realize the Digital Enterprise: Digital Enterprise. The TL-SG3424P provides 24 10/100/1000Mbps ports that supports 802.3at/af-compliant PoE, with a total PoE power supply up to 320W, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras. The switch also comes equipped with 4 combo SFP. This switch is a next generation Layer 2 managed switch with 128Gbps switching capacity. It provides up to (24) dual speed fiber slots and (4) 10Gig aggregation ports, it's an ideal switch for fiber aggregation applications. Quality of Service: Supports 8 egress queues per port enable.

Article Content

Nov 01, 2025

Layer 2 Managed Switches

Moxa's Layer 2 managed switches feature industrial-grade reliability, network redundancy, and security features based on the IEC 62443 standard. We offer

May 30, 2026

SM24DP4XA | Network Switches | Lantronix

This switch is a next generation Layer 2 managed switch with 128Gbps switching capacity. It provides up to (24) dual speed fiber slots and (4) 10Gig aggregation

Jul 06, 2025

Gartner Business Insights, Strategies & Trends For

Gain strategic business insights on cross-functional topics, and learn how to apply them to your function and role to drive stronger performance and innovation.

Apr 21, 2026

Layer 2+ (L2+) Switches

As an Industry leader in copper-to-fiber connectivity, VERSITRON manufactures its L2+ managed Ethernet switches with fiber optic capability allowing you to extend

Mar 09, 2026

1xN All-Optical Switch for Network Monitoring

As an all-optical switch (Layer 1), it is data rate and protocol agnostic making the SwitchLight a valuable and cost-effective device when requiring a switch for a variety of network applications.

Jun 25, 2026

RS PRO 2727652 Unmanaged Industrial Ethernet

RS PRO Managed 8 Port Ethernet Switch, RJ-45 This RS PRO Managed Industrial Ethernet Switch is a highly reliable managed industrial Ethernet Switch with 8

Mar 14, 2026

Managed Switches

A Layer 3 switch, or multilayer switch, performs both Layer 2 switching and Layer 3 routing using IP addresses. This allows it to route traffic between different VLANs

Nov 23, 2025

All-Optical Ethernet Switch Explained: Features and

Discover what an all-optical Ethernet switch is, how it works, and the key benefits it brings to modern networks, from higher bandwidth to lower latency.

Sep 18, 2025

Layer 2 Managed Industrial Ethernet Switches

Proudly designed and manufactured in Australia, Optical Systems Design provides a range of highly reliable Layer 2 Managed Industrial Ethernet Switches for use in critical and harsh environments.

Jul 03, 2025

What Is a Layer 2 Managed Switch and When Should You Use One?

A Layer 2 managed switch operates at the Data Link Layer, forwarding traffic based on MAC addresses within the same subnet or VLAN. It offers network segmentation, security features,

Jul 27, 2025

ES2 | Managed Ethernet Switch with L2/L3 Layer

The ES2 is a high-performance managed Ethernet switch offering 16x 1 GbE ports, 4x 10 Gb fiber optic ports, and Layer 2/3 support. Features include VLAN, QoS,

Jul 21, 2025

TL-SG3424P | JetStream 24-Port Gigabit L2 Managed

The switch also comes equipped with 4 combo SFP slots, expanding your network flexibly. In addition, it provides high performance, enterprise-level QoS, advanced

Nov 13, 2025

10 port managed Ethernet to multimode fiber optic

The EL-1000-4GM is a 10-port managed Industrial Ethernet Layer 2 switches. Compact Ethernet switch with 2 fiber optic and 8 RJ45 ports which support

Sep 12, 2025

28 Port Managed Ethernet Switch

28 port managed ethernet SGX288164M model is Layer 2+ "All Fiber" Switch that supports 8 combo ports of 10/100/1000Base Copper or 100/1G SFP Slots, 16

May 14, 2026

EDS-G516E Series

The EDS-G516E Series is equipped with 16 Gigabit Ethernet ports and up to 4 fiber-optic ports, making it ideal for upgrading an existing network to Gigabit speed or

Jun 16, 2026

SCALANCE X Industrial Ethernet Switches

A graduated portfolio of switches all the way to communication processors with integrated switch, offers the best solution for all types of industrial communication in any environment – from production in

Sep 21, 2025

VOS-MLR-28G, Layer 2 Managed Optical Switch

Support 802.1Q VLAN, Port-based VLAN, QinQ and Broadcast storm protection. VOSCOM VOS-MLR-28G Layer 2 Managed Optical Ethernet Switch provide 20 * 1000Base SFP port + 4*1000Base

Dec 01, 2025

3onedata | Industrial Communication Solutions

ICS5400TSN Series Layer 3 Managed Switch ICS5400TSN Series: A robust 44-port Gigabit/10Gigabit Layer 3 TSN Industrial Ethernet Switch by 3onedata.

Jan 23, 2026

24*10G SFP+ and 2*100G QFSP Optical Core Switch

WS6024-2QF 10Gb managed switch is a high performance full 10Gb*24 access and 40/100G*2 uplink core routing Layer 3 managed switch developed by WayOS.

Dec 18, 2025

Network Switches for Business Environments | Omada

Flexible Management Levels Managed switches offer full control with Layer 2 and Layer 3 capabilities, while Easy Managed switches provide essential cloud

Jul 31, 2025

Meraki Switches

Meraki MS Switches combine enterprise-grade hardware with cloud management, allowing your organization to scale effortlessly. Explore the models.

Dec 28, 2025

RUIJIE RG-S5000-24GT4MS-P-E 24-Port Gigabit Layer 2+ Managed

RUIJIE RG-S5000-24GT4MS-P-E digunakan pada jaringan kantor, kampus, hotel, retail, ruang server, dan berbagai lingkungan enterprise lainnya yang membutuhkan switch managed dengan dukungan

Apr 13, 2026

RS PRO 2727658 Managed Industrial Ethernet Switch Dual

RS PROManaged 8 Port Ethernet Switch, RJ-45This RS PRO Managed Industrial Ethernet Switch is a highly reliable managed industrial Ethernet Switch with 8-port 10/100/1000-T RJ45 and 4-port

May 25, 2026

ALLNET GmbH -Professional Line

ALL-SG86xx series includes multiple layer-2 functions that can control traffic in very different implementations with VoIP, video conferencing and IPTV. The ALL-SGI86xx series integrates many

Apr 16, 2026

Get reliable Layer 2 Switches from US stock with fast shipping ...

Layer 2 Fiber Switches are perfectly suitable for FTTx Ethernet based deployments providing features like VLAN (port based and IEEE 802.1q based), traffic priority, bandwidth limiting ingress/egress,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

