

High Power PoE+

Gigabit Ethernet PoE+ L2 Plus Managed



PSGS-2326K
20-Port 10/100/1000Base-T + 4
TP/(100/1G)SFP Combo + 2 (100/1G) SFP
PoE+ L2 Plus Managed Switch

PSGS-2310G
8-Port 10/100/1000Base-T + 2
TP/(100/1G)SFP Combo PoE+ L2 Plus
Managed Switch

Key Features:

- L2+ features provide better manageability, security, QoS and performance
- Dual speed SFPs for FE or GbE fibre uplink
- 802.3az Energy Efficient Ethernet standard
- IPv6 and s-Flow supports
- Easy-Port-Configuration for ease of setup in the IP Phone, IP Camera or Wireless environment
- Supports 802.3at **high power PoE** plus standard

Overview

The next generation L2+ managed switch, from RubyTech, provides a reliable infrastructure for your business network. This switch delivers more intelligent features you need to improve the availability of your critical business applications, protects your sensitive information and optimises your network bandwidth to deliver information and applications more effectively. With PoE (Power over Ethernet) function built in, it provides the ideal combination of affordability and capabilities for entry level networking of small business or enterprise which demands IP Phone, IP Camera or Wireless applications, thus helps you create a more efficient, better-connected workforce.

Applications

Whether you want to create a high-performance network to connect all clients' computers or an application to deliver data, voice, and video services, the PSGS-series provides a solution to fit your requirements. Possible implement scenarios include:

Secure and High Performance PC or laptop connectivity:

The PSGS-series can easily and securely connect clients' PC or laptop in offices with each other and with all of the servers, printers, and other networking devices they use. High performance and reliable connectivity will help to speed file transfers and data processing, improves network performance and security, and keeps the clients connected and productive.

Secure and Quality wireless connectivity:

The PSGS-series switch connected with WiFi APs allow WiFi clients to work from conference rooms and public areas, collaborate in any place, and access networking from wherever they are. Gigabit Ethernet connectivity provides these clients have the suitable bandwidth and quality performance they need to make mobility connected. Through embedded security, the clients can work with confidence and authorized users can access networking and network devices.

Unified communications with open standards:

To be a managed network solution, it provides the high performance and advanced networking quality to deliver all networking communications and data (such as IP telephony, IP surveillance, and Video Streaming) over a single network.

Advanced network security:

The PSGS-series Switch provides enhanced and advanced network security to guests in public or private area, such as a hotel, an office lobby, or any area open to guests. Using powerful but simple to install security and traffic separating abilities, through guest VLAN or guest access control technology, it will help you to isolate vital networking traffic from guest services and keep guests' network sessions private from each other.

Benefits

The PSGS-series provides security, performance, quality of services, central management and other network control capabilities. Optimised and customised design and affordable pricing, it best fit for SMB or entry-level enterprise solution. It provides:

Excellent performance and reliability:

The PSGS-series passed the rigorous testing to deliver excellent performance. As a managed switching solution, it also provides the flexibility to manage and prioritise suitable-bandwidth traffic such as voice.

Easy, simple deployment and configuration:

The device manager software provides an intuitive, web-based interface to simplify deployment, advanced security (ACLs, IP Source guard, VLAN...etc), and quality of service (QoS) traffic prioritization. It also provides a standard protocol that works through a simple network managed system software (RubyView) to discover RubyTech's devices in the network and display basic information. These switches use IEEE802.1AB LLDP to automatically discover all the devices (those support LLDP) connected to the network. For more advanced capabilities and Easy-to-use graphical tools, such as ECP (Easy-Port-Configuration), provides preset options for easily configuring each port of the switch, it will make setup easy when operating with IP phones, IP cameras or Wifi APs. The tree CLI architecture will greatly save your time on the network deployment, management and troubleshooting.

Strong security:

The switch provides an advanced security and gives you tight control to safeguard the network from unauthorized users. Advanced security features include:

- Secure remote management by supporting SSH, SSL and SNMPv3 connection which encrypt the packet content at each session.
- Extensive access control lists (ACLs) to restrict sensitive portions of the network from unauthorized users or guests.
- Guest virtual LANs (VLANs) provide Internet connectivity to guests while isolating critical traffic from guest traffic.
- IP Source Guard to prevent datagrams with spoofed addresses from being in the network.
- IEEE802.1X port security to tightly limit access to specific segments of network.

Voice support:

The switch can be easily configured with the specific VLAN and QoS parameters to prioritise voice traffic to ensure consistent network performance for all services.

Advanced network management capabilities:

As a managed switch, it helps you to use a variety of advanced managing features to manage traffic over your network. Features include:

---Support IPv6:

As the IP network addressing scheme evolves to accommodate more devices, the PSGS-series supports IPv6, the newest version of the Internet Protocol, as well as the previous IPv4 standard. As the result, you have the ability to move up to the next generation of networking applications without an extensive equipment upgrade.

---Remote management:

Using Simple Network Management Protocol (SNMP) and IEEE802.1AB LLDP, you can configure and manage the PSGS-series and other Rubytch switches in the network remotely, instead of having to connect to them directly.

Energy efficiency:

PSGS-2326K is designed to comply with IEEE802.3az, energy efficient Ethernet protocol, reducing energy costs without compromising performance. Power-saving features include:

- The latest application-specific integrated circuits (ASICs), using low-power technology, allow for lower power consumption and thinner, more efficient designs.
- Embedded intelligence to adjust signal strength based on cable length.

Expansion ports:

- ✓ **PSGS-2326K** features 20 Gigabit UTP ports and also offers 4 Combo UTP/SFP and 2 100/1G SFP ports for uplinks to Fast Ethernet or Gigabit Ethernet fiber optic networks.
- ✓ **PSGS-2310G** features 8 Gigabit UTP ports and also offers 2 Combo UTP/SFP ports for uplinks to Fast Ethernet or Gigabit Ethernet fiber optic networks.



Note: Specifications subject to change without notice