RP-G2402XS

24-P Gigabit + 2-10G SFP slot Ethernet Switch

As a powerful, high-performance Gigabit Ethernet switch with 24 10/100/1000 Mbps ports, 2 10G SFP/SFP+ ports, RP-G2402XS provides you with a cost-effective and highly reliable network connection for expanding your network. The gigabit ports can lead you to a real gigabit connection, expediting the transference of larger and higher bandwidth-needed files in an easy way. With the two SFP/SFP+ ports, you can add fiber-optic connectivity for connecting to other network switches to obtain long-distance communication.

Automatic MDI/MDI-X crossover detection ensures no need to worry about the cable type by automatically switching the port's receive and transmit connections with plugged-in devices. Also, flow control ensures the correctness of data transmitting. Moreover, the 802.3x and backpressure flow control mechanisms work respectively for full and half-duplex modes. Through the rich diagnostic LEDs on the front panel show the operating status of the individual port and the whole system clearly.

RP-G2402XS is the ideal device for bridging among Fast Ethernet, Gigabit Ethernet workgroups and networks. It fits all kinds of Ethernet installations such as campus, workgroup, department, enterprise, telecom or industrial applications.

Features

- 24 ports gigabit non-blocking switch architecture.
- 2 SFP/ SFP+ ports for optional fiber connection
- Each Gigabit Switching UTP ports support auto-negotiation-10/100/1000Mbps
- Auto-MDI/MDI-X detection on each RJ-45 port
- Jumbo Frame: 10K bytes (Max)
- Supports back-pressure (half-duplex) and flow control (IEEE 802.3x)
- Store-and-forward architecture filters fragment & CRC error packets
- Provide 88Gbps switch fabric, non-blocking switch architecture
- 16K MAC address table, automatic source address learning, and aging
- 4Mbits packet buffering
- Supports IEEE 802.3az Energy Efficient Ethernet
- Rack-mountable

Specifications

Standards	- IEEE 802.3/3u 10Base-T, 100Base-TX Ethernet - IEEE 802.3ab 1000Base-T Ethernet - IEEE 802.3z 1000Base-X Ethernet - IEEE 802.3x Flow Control capability - IEEE802.3ae 10GBase-T Ethernet over fiber for LAN - IEEE 802.3az (Energy Efficient Ethernet)
Interface	24 x 10/100/1000Base-TX RJ-45 Auto-MDI/MDI-X ports 2 x 1/10GBASE-SR/LR SFP+ slots
MAC Address	16K
Buffer Memory	4Mbits
Transmission Method	Store and Forward
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Throughput	65.472Mpps (packet per second)
Switch Fabric	88Gbps
LED Indicators	- Per Port: LAN (#1~26) - Per Unit: Power
Power Supply	Internal Power 100~240 VAC, 0.5A, 50-60 Hz
Environment	- Operating temperature : 0°C to 40°C - Operating Humidity:10% to 90% (Non-Condensing)
Dimension	440 x 44 x 200mm (WxHxD)
Certification	FCC, CE

Ordering information

RP-G2402XS   24-P Gigabit + 2-10G SFP slot Ethernet Switch