

Key Benefits

- 24 Gigabit ports with 8 ports full 15.4 Watts PoE
- 4 fiber-capable ports
- Remote power-cycling per port for rebooting unresponsive devices
- Full remote management through web browser, console serial cable (CLI), or Telnet
- Heavy-duty metal 1U housing with rack mount hardware included
- Clean front face with cables in the back
- Quiet operation
- 802.1q: supports VLAN tagging
- 802.1p: supports Quality of Service
- Auto-detect powered devices and power consumption levels

S24P8

24-PORT GIGABIT SWITCH WITH 8 FULL PoE PORTS

The S24P8 is the first of its kind: a 24-Port Gigabit Switch with 8 Power over Ethernet (PoE) ports. In the past, an installation with both Gigabit and PoE switches would require 2U or more of rack space. With the Pakedge S24P8, however, all 24 ports are housed in a heavy-duty, 1U rack mount housing with a clean front face, making this the perfect hybrid switch for any installation.



This switch is able to supply power to PoE-enabled devices that are 802.3af-compliant. Each of the 8 PoE ports can deliver up to a full 15.4 Watts of power. In addition, each port can be power-cycled individually if a connected PoE device becomes unresponsive or needs to be rebooted.

The switch is fully managed and can be configured by web browser, CLI, or Telnet. It is also equipped with four fiber-capable ports that can support either RJ45 or SFP connectors. To support audio/video bridging, it features 802.1q (VLAN) and 802.1p (Quality of Service). Now, PoE devices that are connected to the S24P8 can pass and receive VLAN tags and control Quality of Service for reliable audio and video streaming.

HTTP://
WWW.
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S24P SPECIFICATIONS

SUMMARY

Fixed port	20 10/100/1000Base-TX ports 4 Combo ports (10/100/1000Base-T or 1000Base-X) 1 Console port
LED Indicators	PWR, PoE, 1000M and Link/Act LED
Input voltage	100V-240V AC, 50/60Hz
Power consumption	150W (123W for PoE)
Operating temperature	0-40°C
Storage temperature	-10-70°C
Relative humidity	20%-85% (non-condensing)
Thermal methods	Built-in Noiseless Fan
PoE	
PoE port	8, 10/100/1000Base-TX ports - Ports Number 1 to 8
PoE Standard	IEEE802.3af, per port 15.4W
Pin assignment	V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)
PoE management	Support Port-base PoE status view and control
Layer 2 Switching	
Switching capacity	64G
MAC address table	8K, Support MAC address table management
MAC Address Binding	Support
MAC Address Filtering	Support
MAC Address Learning control	Control number of port-based MAC address learning
Jumbo Frame	Jumbo packets up to 16379 bytes
Port Feature	Port Control Port Isolation. Port Self-loop Detection
Port Mirroring	Support
VLAN	4K 802.1q VLANs, Support Ingress filter
Link Aggregation	Up to 8 maximum aggregation groups, each containing up to 8 GE ports
Traffic control	IEEE 802.3x full-duplex flow control
Rate Limit	Unit: 64kbps
Spanning Tree	IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
Ring Protocol	Support EAPS
Multicast	Support 256 Multicast groups Support IGMP Snooping
Layer 3 Switching	
Static ARP	Support
Static Routing	Support
L3 VLAN interface	Up to 32 L3 VLAN Interface
Convergence	
QoS	4 output queues on each port Support flexible queue scheduling algorithms: WRR, Q+WRR Support port-based / MAC-based / 802.1p / DSCP classification
Security	
Security Features	Support MAC-based 802.1X authentication Support AAA/RADIUS authentication Support WEB/Telnet password protection Support Accessing privilege mode password protection Support CPU Self-protection
Self-protection	Support CPU Self-protection
Management	
CLI	Support CLI (Commend Line Interface) configuration mode
Console	Support Configuration via the console port
Telnet	Support Local/remote configuration via Telnet
WEB	Support WEB management system
SNMP	Support System configuration with SNMP v1/v2/v3
User Management	Support Multi-user management
System Log	Support
Configuration File Download/Upload	Support Download/Upload configuration File via WEB/TFTP
Upgrade Firmware	Support Upgrade Firmware via WEB/TFTP/Console
Debug	
PING	Support
TRACEROUTE	Support
Telnet client	Support
Process View	Support
Mechanical	
L x W x H	17.6" x 11.8" x 1.7" (447mm x 300mm x 44mm)
Weight	10.6 lbs. (4.8 kg.)

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