

S2930R-24P

24x10/100/1000Mbps PoE and 2 Gigabit SFP +2 1000Mbps (Combo) Port L2+Full
Managed PoE Switch



Products Description:

The S2930R-24P is a 24 ports 10/100/1000M RJ45 and 2 Gigabit combo ports (RJ45/SFP) + 2 Gigabit SFP ports Full Managed POE which is designed by Shenzhen Hi-Net Technology Company. It is used for residential building in the corridor-level broadband switching equipment, for the edge of the access and LAN to provide high-quality network connections. It provides 24 10/100/1000Mbps Auto-Negotiation RJ45 ports, 2 Gigabit combo ports (RJ45/SFP) + 2 Gigabit SFP and 24 POE ports. The POE ports can automatically detect and supply power for the IEEE802.3af and IEEE802.3at compliant Powered Devices (PDs), like Voip Phone, PoE APs, IP Phones, IP cameras, etc.

The S2930R-24P is a 1U high 19" case-shaped device. It is with the internal industrial power supplies, have two optional power supplies—270W, 450W. All POE ports support both IEEE802.3af and IEEE802.3at Standard; each port can output 30W max.

Products Features

- Automatic MDI/MDI-X crossover dor plug-and-play
- 24 port supports both 10/100/1000 Mbps speed auto negotiation
- 2 Gigabit combo ports (RJ45/SFP) + 2 Gigabit SFP
- Full duplex IEEE802.3x and half duplex backpressure flow control
- 24 PoE ports with Power Sourcing Equipment (PSE) operation
- Auto-detection of PD (powered devices) and automatic power management
- Ethernet Ports 4KV Surge protection (optional)
- Build-in AC-DC power supply
- Supports operating temperatures from 0°C ~ 40°C
- Rack mounting or Desktop

Specification

Hardware Technology

Standards	IEEE 802.3, 802.3u, 802.3x, 802.3af, 802.3at
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L2+ Full Managed PoE Switch

Processing Type	Store & forward; wire speed switching
MAC Addresses	8 K
Memory Bandwidth	56 Gbps
Frame Buffer	4096 kbit
Flow Control	IEEE 802.3x flow control, back pressure flow control

Interface

RJ-45 ports	24x10/100/1000 Mbps
SFP ports	2 Gigabit combo ports (RJ45/SFP) + 2 Gigabit SFP
LED Indicators	Power, Link/Act, Speed, PoE
Surge protection	RJ-45 ports 4kV (optional)

Power Input

AC Input Voltage Range	100 ~ 240 VAC 50-60 Hz
Surge protection	AC Input port 6kV (optional)
Power Consumption	20W (without PD loading)

PoE Technology

PoE Compliance	100% IEEE 802.3af, 802.3at compliant
PoE Classification	PSE (Power Sourcing Equipment)
PoE Voltage	+52 VDC
PoE Power Budget	240W / 370W /480W depending on power input
PoE Power	Up to 30 W per port
PoE Operation	Automatic detection and power management
PoE Pin Assignments	V+ (Pin 3, 6), V- (Pin 1, 2)
PoE Disconnect Mode	DC disconnect

Software Technology

Port Feature	Port Control, Port Isolation, Port Self-loop Detection
Port Mirroring	Multi to 1 Sniffer
VLAN	Port-base & 802.1q Tag-base VLANs
Link Aggregation	Up to 8 maximum aggregation groups, each containing up to 4GE
Traffic control	IEEE 802.3x full-duplex flow control
Rate Limit	Unit: 64kbps
Spanning Tree	Support STP, RSTP, MSTP
Ring Protocol	Support EAPS
Multicast	Support 256 Multicast groups, Support IGMP Snooping
Layer 3 Switching	Support Static ARP & Static Routing, up to 32 L3 VLAN Interface
QoS	4 output queues on each port Support flexible queue scheduling algorithms: WRR, Q+WRR Support port-based / MAC-based / 802.1p / DSCP classification
ACL	Support Standard IP / Extend IP / MAC IP / ARP, up to 512 entries
Security	Support MAC-based 802.1X authentication Support AAA/RADIUS authentication Support WEB/Telnet password protection Support Accessing privilege mode password protection
SNMP	Support

L2+ Full Managed PoE Switch

Configuration File	Support Download/Upload configuration File via WEB
Upgrade Firmware	Support Upgrade Firmware via WEB
Management Interface	Support WEB, SNMP, CLI, Telnet, Console

Mechanical

Casing	Metal
Dimensions (W x L x H)	440 mm x 330mm x 45 mm
Installation	Rack mounting or Desktop

Environment

Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ +85°C
Ambient Relative Humidity	10% ~ 90% RH, non-condensing

Ordering Information

S2930R-24P-450W	24x10/100/1000 Mbps PoE with 2 Gigabit combo ports (RJ45/SFP) + 2 Gigabit SFP L2+ Managed PoE Switch (450W)
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