

S2928-P

24 Ports Gigabit Managed POE Switch with 4 shared Gigabit SFP Ports



Product Description:

The S2928-P is a 24G Full Managed POE switch which is designed by Shenzhen Hi-Net Technology Company. It provides 24 10/100/1000Mbps Auto-Negotiation RJ45 ports, 4 Shared Gigabit SFP Ports and 16/24 POE ports. All the POE ports are fit the IEEE802.3af and IEEE802.3at standard. 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. This model is designed by Broadcom Chipset and with the managed way by: web, telnet, SNMP and CL (control both network switch and the POE part)

The S2928-P is a 19" case-shaped device with 1U high. It is with the internal industrial power supplies, have three optional power supplies—250W, 400W or 500W. All POE ports support both IEEE802.3af and IEEE802.3at Standard; each port can output 30W max. Extend Function: Power lightning protection.

Product Features:

- IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3af, IEEE802.3at
- Provides 20 10/100/1000 Base-TX ports and 4 combo ports (10/100/1000 Base-T or 1000Base-X)
- Provides 16/24 PoE ports, Each POE port output 30W max power
- Build in power supplies, optional 250W or 400W or 500W
- High back-plane bandwidth 48Gbps
- Support standard IP/ Extend IP / MAC IP / ARP ACL
- IGMP snooping and IGMP Query mode for Multi-media application
- Port mirror and bandwidth control
- Supports GVRP function
- IEEE802.3x Flow control

- Support Port Based VLAN / 802.1Q Tag VLAN
- Support IEEE802.3ad Port trunk with LACP
- Support Spanning tree protocol IEEE 802.1d
- Supports IEEE 802.1p class of service
- Support IEEE 802.1x user authentication
- Support Broadcast storm filter
- Support DHCP server and client
- Support System event log
- Support command line interface management
- Management by Web/SNMP/Telnet/Console
- Surge protection for power port and data ports
- EMI standards complies with FCC, CE class B

Product Specifications:

Item	Description
Summarize	
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
Network Media	10BASE-TX: UTP category 5, 5e cable (≤250m) 100BASE-TX: UTP category 5, 5e cable (≤150m) 1000BASE-TX: UTP category 5, 5e cable (≤150m) Uplink Fiber Port: Single Fiber 20KM, Double Fiber: 20Km
Forwarding Rate	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port 1000BASE-TX: 148800pps/port
Power Supplies	250W, 400W, 500W Optional
Operating temperature	0°C~40°C.
Storage temperature	-10°C~70°C.
Relative humidity	20%~85% (non-condensing).
Thermal methods	Built-in Noiseless FAN.
PoE	
PoE port	16/24 10/100/1000Base-TX ports.
PoE Standard	IEEE802.3af, IEEE802.3at, per port 15.4W, Max 30W
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	48G
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 802.1d Spanning Tree Protocol (STP) IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) 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	
ACL	Support Standard IP / Extend IP / MAC IP / ARP Support 512 entries
Security Features	Support MAC-based 802.1X authentication. Support AAA/RADIUS authentication. Support WEB/Telnet password protection. Support Accessing privilege mode password 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 Download/Upload	File	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.
Package		
Unit Size		44*20*4.4cm
Weight		<5KG
package		Carton Box
Package		S2928-P POE Switch User Manual Warranty Card Power Cord*1 Rack Mount Kit*2 Rubber Feet*4

Order Information:

S2928-16P-250W	24G Managed Switch 16 PoE ports (Total power 250W)
S2928-16P-400W	24G Managed Switch 16 PoE ports (Total power 400W)
S2928-24P-250W	24G Managed Switch 24 PoE ports (Total power 250W)
S2928-24P-400W	24G Managed Switch 24 PoE ports (Total power 400W)
S2928-24P-500W	24G Managed Switch 24 PoE ports (Total power 500W)