

S2624P-4T4S 32 ports Managed Gigabit Ethernet POE Switch



Product Description

32 Ports Gigabit L3 Managed Ethernet POE Switch, which provide 24*10/100/1000 adaptive POE electrical port, 4*Gb Base-T Port, 4*Gb SFP Combo Port, 1*Console port. Used the high quality high speed network IC and the most stable POE chips, POE port meets IEEE 802.3 af/at standard, this series POE Switch can provide no gap link for 10/100/1000M Ethernet, and the PoE power supply port can automatically detect and supply power to the power receiving device that meets the standard, intelligent detection of non-PoE devices does not supply power, only transmits data.

Completed security control strategy and CPU protect policy improve fault tolerance, ensure stable network operation and link load balance; equipment supports automatic DoS attack prevention and SNMP, IEEE 802.1, spanning tree and rapid spanning tree protocol, link aggregation and other functions . With advanced security functions and quality of service (QoS), it can be used as core layer, distribution layer ,and access layer switch with high density port and easy management, is an ideal choice for various business network applications.

Main Features

Compatible with IEEE 802.1d、IEEE 802.1w、IEEE 802.1s、IEEE 802.1p、IEEE 802.3、IEEE 802.3u、IEEE 802.3x、IEEE 802.3z、IEEE 802.3ab、IEEE 802.3ae standard;

L3 Management,support DHCP Server, QoS, ACL control, support SNMP V1/V2/V3, 支持 IGMP Snooping v1/v2;

Support Spanning Tree Protocol STP/RSTP/MSTP (ERPS), Support loop detection and self-healing, support remote loopback monitoring and control (802.3ah OAM);

Support multiple VLAN divisions, mac VLAN, protocol VLAN, private VLAN;

Support IP address + MAC address + VLAN + port binding, support DHCP Snooping, support IP source and DAI protection;

Support IPV4/IPV6,RIP,OSPF

Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w) power supply standards

Support PoE management, PoE watchdog

Application Environments

Metropolitan fiber broadband network: telecommunications, cable television, network system integration, etc., data network operators

Broadband private network: applicable to private networks in finance, government, petroleum, electric power, public security, education and other industries

Multimedia transmission: Image, Voice, Data transmission, for distance learning, conference television, video phones and other applications

Real-time monitoring: real-time control signal, image and data transmission at the same time

CHARACTERISTICS

| I/O Interface | |
|------------------------|---|
| Power | AC100-240V/50-60Hz |
| Ethernet | 24*10/100/1000Mbps POE Ports 4*Gb Base-T Ports 4*Gb SFP Combo Ports, 1*RJ45 Console Port |
| Performance | |
| Capacity | 56Gbps |
| Packet Forwarding Rate | 41.66Mpps |
| DDR SDRAM | 128M |
| Flash Memory | 16M |
| Packet Buffer Memory | 4M |
| MAC Address | 8K |
| Jumbo Frame | 9.6Kbytes |
| VLANs | 4096 |
| MTBF | 100000 hours |

| Standard | |
|--------------------|---|
| Network Protocol | IEEE 802.3: Ethernet MAC Protocol IEEE 802.3i: 10BASE-T Ethernet IEEE 802.3u: 100BASE-TX Fast Ethernet IEEE 802.3ab: 1000BASE-T Gigabit Ethernet IEEE 802.3z: 1000BASE-X Gigabit Ethernet (optical fiber) IEEE 802.3az: Energy-efficient Ethernet IEEE 802.3ad: Standard method of performing link aggregation IEEE 802.3x: flow control IEEE 802.1ab: LLDP/LLDP-MED (Link Layer Discovery Protocol) IEEE 802.1p: LAN Layer 2 Qos/Cos protocol (multicast filtering function) related to traffic priority IEEE 802.1q: VLAN Bridge Operation IEEE 802.1x: Client/Server Access Control and Authentication Protocol IEEE 802.1d: STP IEEE 802.1s: MSTP IEEE 802.1w: RSTP |
| PoE Protocol | IEEE802.3af (15.4W) IEEE802.3at (30W) |
| Industry Standard | EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD) |
| Network Medium | 10Base-T: Cat3, 4, 5 or above UTP/STP(≤100m) 100Base-TX: Cat5 or above UTP/STP(≤100m) 1000Base-TX: Cat5 or above UTP/STP(≤100m) Multi-mode Fiber: 50/125, 62.5/125, 100/140um Single-mode Fiber: 8/125、 8.7/125、 9/125、 10/125um |
| Certification | |
| Safety Certificate | CE、 FCC、 RoHS |
| Environment | |
| Working | Working Temperature: -10~50°C |

| | |
|-------------------------------|---|
| Environment | <p>Storage Temperature: -40~70°C</p> <p>Working Humidity : 10%~90%, non-condensing</p> <p>Storage Temperature: 5%~90%, non-condensing</p> |
| Function Indication | |
| PWR (Power Indicator) | <p>Lighting: Powered</p> <p>Un-Light: No Power</p> |
| SYS (System Indicator) | <p>Flashing: not start or fail</p> <p>Lighting: System Running</p> |
| Link (Link Indicator) | <p>Lighting: Link connection</p> <p>Flashing: Data transmission</p> <p>Un-Light: Link disconnect</p> |
| PoE/ACT (PoE Indicator) | <p>Lighting: PoE on</p> <p>Un-Light: PoE off</p> |
| ACT (Data light) | <p>Steady on: Link connected</p> <p>Flashing: data transmission</p> <p>No light: The link is unreachable</p> |
| Physical Specification | |
| Structure Size | <p>Product Dimensions: 440*280*44mm</p> <p>Packing Dimensions: 500* 365*85mm</p> <p>Product N.W: 3.78KG</p> <p>Product G.W: 5.15KG</p> |
| Packing Info | <p>Carton Dimensions: 520*445*385mm</p> <p>Packing quantity: 5 sets</p> <p>Packing weight: 26.75KG</p> |
| Power Voltage | <p>Input voltage: AC100-240V/50-60Hz</p> <p>Power supply: 52V7.69A 400W</p> |
| Package List | Ethernet switch 1 set, Instruction manual 1 pcs, Certificate1 pcs, Power cord 1 pcs |

| | |
|--|-------------------------------------|
| | Serial cable 1 pcs, Brackets 1 pair |
|--|-------------------------------------|

Software Function

| | |
|-------------------|--|
| Basic Function | Support hardware watchdog, factory reset, system and port LED |
| | Support global information, statistical information, log information |
| | Support User management, alarm management, configuration management |
| | Support Port rate, duplex, flow control, max frame length configuration |
| | Support Port mirroring, port speed limit, port energy saving |
| Layer 3 interface | Support three-layer interface |
| | Support IPv4, IPv6 address configuration |
| | Support ARP configuration |
| | Support ND configuration |
| Layer 3 routing | Support IPv4 static routing |
| | Support IPv6 static routing |
| | Support RIP V1/V2 |
| | Support OSPF |
| DHCP | Support DHCP server |
| | Support DHCP relay |
| | Support DHCP Snooping |
| VLAN | Support 4K VLAN |
| | Support 802.1Q VLAN, port-based VLAN |
| | Support Access, Trunk, Hybrid VLAN mode |
| | Support GVRP (VLAN Registration Protocol) |
| | Support MAC VLAN, IP VLAN |
| | Support Voice VLANN |
| MAC address | Support MAC address automatic learning and aging |
| | Support Static, dynamic, filtered address table |
| Security Features | Password protection |
| | Support Restrict user access based on port number, IP address, MAC address |
| | Support HTTPS, SSH V1/V2 |

| | |
|-------------------|--|
| | Support VLAN-IP-MAC-PORT binding |
| | Support ARP detection, IP source protection, DoS protection |
| | Support DHCP Snooping、 DHCP Attack protection |
| | Support 802.1X certification |
| | Support AAA (Authentication, Authorization, Accounting), Support RADIUS+ |
| | Support Port security, port isolation |
| Access Control | Support L2(Layer 2) ~ L4(Layer 4) Packet filtering function |
| | Support Port mirroring, flow rate limiting, QoS remarking |
| QOS | Support 8 port queues |
| | Support Port priority, 802.1P priority, DSCP priority |
| | Support SP, WRR Priority scheduling algorithm |
| Access Control | Support L2(Layer 2) ~ L4(Layer 4) Packet filtering function |
| | Support Port mirroring, flow rate limiting, QoS remarking |
| QOS | Support 8 port queues |
| | Support Port priority, 802.1P priority, DSCP priority |
| | Support SP, WRR Priority scheduling algorithm |
| Spanning Tree | Support STP(IEEE 802.1d), RSTP(IEEE 802.1w) & MSTP(IEEE 802.1s) protocol |
| | Support Multi-instance, Support Aggregate interface |
| | Support BPDU Protection |
| Multicast | Support IGMP v1/v2/v3 Snooping |
| | Support MLD v1/v2 Snooping |
| | Support Layer 2 multicast fast leave mechanism, querier |
| | Support Layer 2 IPv4 static multicast |
| | Support Layer 2 IPv6 static multicast |
| | Support IGMP v1/v2/v3 Layer 3 multicast |
| Storm Suppression | Support multicast suppression |
| | Support broadcast storm suppression |

| | |
|--------------------------|--|
| | Support unknown uni-cast suppression |
| Ring Protection | Support Ring protection |
| Link Aggregation | Support Static Aggregation |
| | Support LACP Dynamic Aggregation |
| | Support based on IP, MAC, mixed load-balancing modes |
| | Maximum support 8 aggregation groups (8 ports per aggregation group) |
| IPv6 | Support IPv6 Ping、IPv6 Traceroute、IPv6 Telnet |
| | Support IPv6 SSH |
| | Support IPv6 HTTP, IPv6 HTTPS |
| Management & Maintenance | Support WEB Management (HTTP, HTTPS) |
| | Support CLI (Telnet, SSH V1/V2, Local serial port) |
| | Support SNMP V1/V2/V3 |
| | Support RMON V2 |
| | Support LLDP Device discovery |
| | Support SNTP Time synchronization |
| | Support CPU Monitoring, Memory Monitoring |
| | Support System log, classification warning |
| | Support Ping, Traceroute detection, cable detection |