

PS1024

24 Port 100Mbps PoE Web Smart switch with 2Gb uplink ports



Features

- Easy to use Web-based graphical configuration and management
- 24-Port 10/100Mbps + 2 Gigabit Copper / SFP Combo Uplink port unmanaged PoE switch
- Complies with the IEEE 802.3af standard
- If only 12 POE ports are connected, then device complies with the IEEE 802.3at standard, 25W each port
- Each switch port support auto-negotiation
- Support MAC address auto-learning and auto-aging
- Prevents packet loss with back pressure (Half-duplex) and IEEE 802.3x PAUSE frame flow control (Full-duplex)
- High performance Store and Forward architecture, broadcast storm control, runt / CRC filtering eliminates erroneous packets to optimize the network bandwidth
- Non-blocking switching architecture that forwards and filters frames at full wire-speed for maximum throughput
- 8.8 Gbps Switching Capacity



PS1024

Technical Specifications

| | |
|---------------------------------|---|
| Model | PS1024 |
| Standards | |
| Network protocols and standards | IEEE 802.3 10BASE-T |
| | IEEE 802.3u 100BASE-TX |
| | IEEE 802.3ab 1000BASE-T |
| | IEEE 802.3z 1000BASE-X |
| | IEEE 802.3x Flow Control |
| | IEEE 802.3af Power over Ethernet |
| Management Standards | IEEE 802.1Q static VLAN (up to 128) |
| | IEEE 802.1p Class of Service (CoS) |
| | 802.3ad link aggregation (manual or LACP) |
| | 802.1D Spanning Tree Protocol |
| | SNMP v1/v2/v3 |
| | RFC1213 MIB II |
| | RFC 1643 Ethernet Interface MIB |
| | RFC 1493 Bridge MIB |
| | RMON Group 1,2,3,9 |
| | RFC 2131 DHCP client |
| | IEEE 802.1x port-based security access control function |
| | Port and MAC address binding function |
| | SNTP |
| | Port mirroring settings |
| | WEB browser configuration management |
| | Configuration file upload / download |
| | Password protection and limit the range of IP addresses device management |
| | Radius support |
| TACACS + support | |
| Syslog-software upgrade | |
| Interface | |
| Network interface | 24 10/100M ports (MDI / MDIX adaptive); ports with PoE features |
| | 2 10/100/1000M Gigabit copper RJ45 ports (MDI / MDIX adaptive) |
| | 2 SFP GBIC fiber module slots |
| LED | Power light for each port |
| | Connection Speed Indicator |
| | PoE Power-on LED |
| User interface | Through Web browser interface |



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| Performance | |
|---------------------|--------------------------|
| Forwarding mode | Store and Forward |
| Bandwidth | 12.8 Gbps (Non-blocking) |
| Buffer | 3Mb |
| Addressing | 48-bit MAC address |
| Database size | 8000 |
| General | |
| Power Supply | AC 100 ~ 240V |
| Current Consumption | 390W max. |
| PoE Power | 360W |
| Dimensions (mm) | 440 x 350 x 44mm |
| Weight | 5.5Kg |

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*Design and specifications are subject to change without notice.

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