

**24 10/100/1000TX PoE PORT with 4 GIGABIT /SFP COMBO MANAGED SWITCH**



## Overview

The BSD-3424P provides 24 10/100/1000Mbps ports that supports 802.3at/af-compliant PoE , with a total PoE power supply up to 320W, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras. The switch also comes equipped with 4 combo SFP slots, expanding your network flexibly. In addition, it provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. With all these advanced features, BSD-3424P L2 Managed PoE Switch is an ideal choice for small and medium business networking. This switch has robust security and management features. The IP-MAC-Port-VID Binding and Access Control List (ACL) functions protect against broadcast storm, ARP and Denial-of-Service (DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. The easy-to-use web management interfaces, along with CLI, SNMP and RMON, mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive Layer 2 Switch and gigabit capability, BSD-3424P Gigabit L2 Managed PoE Switch provides you the ideal access-edge solution.

## Key Features

- PoE Features
  - Standard: 802.3at/af compliant
  - PoE Ports: 24 Ports
  - Power Supply: 400W
- Layer 2 Features
  - Link Aggregation Control Protocol (LACP)
  - 4K VLAN
  - GVRP (GARP VLAN Registration Protocol)
  - STP/RSTP/MSTP
  - IGMP Snooping
  - LLDP, LLDP-Med
  - Quality of Service
  - 4 priority queues
  - DSCP QoS
- Rate limit feature
- Security Strategies
- IP-MAC-Port-VID Binding
- Access Control List (L2~L4 ACL)
- 802.1x and RADIUS Authentication
- Support DoS defend
- Port Security
- SSL and SSH encryptions
- Management
- Web-based GUI
- Command Line Interface
- SNMP v1/v2c/v3
- RMON (1,2,3,9 group)

## Ordering Information

<b>BSD-3424P</b>	24-Port Gigabit PoE L2 Managed Switch with 4 Combo SFP Slots 400W
<b>BSD-SFPGLC</b>	1.25Gbps 1310 nm 1000Base SFP module LC Multimode 2km
<b>BSD-SFPGLC-20</b>	1.25Gbps 1310 nm 1000Base SFP module LC Singlemode 20km

## Specifications

<b>Interface</b>	24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 Combo 10/100/1000Mbps SFP Slots 1 Console Port
<b>Standards and Protocols</b>	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p
<b>Network Media</b>	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above (maximum 100m) 1000BASE-X: MMF, SMF
<b>PoE Ports (RJ45)</b>	Standard 802.3at/af compliant, 24 ports , total Power 400 W
<b>Bandwidth Backplane</b>	48Gps
<b>MAC Address</b>	8k
<b>Forwarding Rate</b>	35.7 Mpps
<b>Jumbo Frame</b>	10240 Bytes
<b>L2 Switching Features</b>	IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group) Spanning Tree STP/RSTP/MSTP BPDU filtering/guard, TC/Root protect, Loop back detection 802.3x Flow Control
<b>QoS</b>	Support 802.1p CoS/DSCP priority , Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting, Voice VLAN
<b>VLAN</b>	Support IEEE802.1Q with 4K VLAN groups and 4K VIDs Port/ MAC/Protocol-based VLAN GARP/GVRP
<b>Access Control list</b>	L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID Time Range Based
<b>Security</b>	IP-MAC-Port-VID Binding IEEE 802.1X Port/MAC Based authentication, Radius, Guest VLAN DoS Defence, Dynamic ARP inspection (DAI), SSH v1/v2, SSL v2/v3/TLSv1 Port Security, Broadcast/Multicast/Unknown-unicast Storm Control
<b>Management</b>	Web-based GUI and CLI management SNMP v1/v2c/v3, compatible with public MIBs and private MIBs RMON (1, 2, 3, 9 groups), DHCP/BOOTP Client, DHCP Snooping, DHCP Option82, CPU Monitoring, Port Mirroring, Time Setting: SNTP, Integrated NDP/NTDP feature, Firmware Upgrade: TFTP & Web, System Diagnose: VCT SYSLOG & Public MIBS
<b>Certification</b>	CE, FCC
<b>Power</b>	100~240VAC, 50/60Hz
<b>System Requirements</b>	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7, MAC® OS, NetWare®, UNIX® or Linux.
<b>Dimensions</b>	440 x 332 x44 mm (17.32 x 13.1 x 1.73)"
<b>Environment</b>	Operating Temperature: 0°C~40°C (32°F~104°F); Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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