

12-PORT L3 MANAGED SWITCH 8 PORTS 90W BT PoE

4 PORTS 10G SFP+ | 500W PoE POWER SUPPLY

- 8x 802.3BT 90-WATT PoE PORTS
- TRUE LAYER 3 ENGINE WITH INDUSTRY-LEADING SWITCHING SPEEDS
- 4x 1G/10G SFP+ PORTS FOR LONG-DISTANCE CONNECTIONS
- BUILT TO CONNECT HIGH-POWERED PoE DEVICES, SUCH AS LED LIGHTING, WI-FI 6 ACCESS POINTS, DIGITAL SIGNAGE, AND INDUSTRIAL PCs



The NS-8B is a true Layer 3 switch at a Layer 2 price point. Its powerful engine enables A/V systems to run IP applications at hyper-switching speeds never seen with any standard switch, and its 500-Watt PoE power supply is the largest in its class.



Key Features

- 8x 90-Watt PoE ports with Gigabit speeds
- 4x 10G SFP+ uplink ports
- Total PoE power supply of 500 Watts
- Variable speed fans – perfect for quiet A/V applications
- True Layer 3 switch that can route between VLANs at hyper speeds with ARP and static routes
- Supports AV over IP applications faster than ever before – without a special router

SPECIFICATIONS	
Fixed Port	8x 10/100/1000Mbps PoE ports and 4x 10Gbps SFP port
Standards & Protocols	IEEE802.3 10Base-T Ethernet Standard IEEE802.3u 100Base-TX Fast Ethernet Standard IEEE802.3ab 1000Base-T Ethernet Standard IEEE802.3z Gigabit Ethernet (Fiber) IEEE802.3x Full Duplex Flow Control and Back Pressure Half Duplex Flow Control IEEE802.3ab Link Aggregation
Rate	10/100/1000Mbps
LED Indicators	Power, Link/Act, PoE
AC Input Volt. Range	100V~240V AC, 50/60Hz
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-10°C - 70°C (14°F - 158°F)
Relative Humidity	20%~85% (Non-Condensing)
Switching Fabric	96G
MAC Addresses	16k

PoE TECHNOLOGY	
PoE Compliance	100% IEEE 802.3af, 802.3at-Compliant, 802.3bt-Compliant
PoE Classification	PSE (Power Sourcing Equipment)
PoE Voltage	+52 VDC
PoE Power Budget	500W
PoE Operation	Automatic Detection and Power Management
PoE Port	8 Ports Support Ultra-PoE (90W Max)
PoE Pin Assignments	V+ (Pin 3, 6, 4, 5), V- (Pin 1, 2, 7, 8)
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: 64kdps
Spanning Tree	Supports STP, RSTP, MSTP
Ring Protocol	Supports EAPS
Multicast	Supports 256 Multicast Groups; Supports IGMP Snooping
QoS	4 output queues on each port
	Supports flexible queue-scheduling algorithms: WRR, Q+WRR
	Supports port-based / MAC-based / 802.1p / DSCP classification
ACL	Supports Standard IP / Extend IP / MAC IP / ARP, up to 512 entries
Security	Supports MAC-based 802.1X authentication
	Supports AAA/RADIUS authentication
	Supports WEB/Telnet password protection
	Supports accessing privilege mode password protection
SNMP	Supported
Configuration File	Supports download/upload configuration file via web
Firmware Upgrades	Supports firmware upgrades via web
Management Interface	Supports web, SNMP, CLI, Telnet, and Console

MECHANICAL SPECIFICATIONS	
Casing	Metal
Dimensions (WxLxH)	440 mm x 200 mm x 44 mm (17.32" x 7.87" x 1.73")
Installation	Rack-Mounting or Desktop