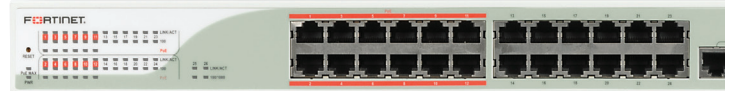


FortiSwitch™ -124B-POE

Fast Ethernet PoE Edge Switch



Rightsize switch deployment

Fortinet's FortiSwitch family of Ethernet switches deliver outstanding price, performance, and scalability to organizations with diverse operational needs. The FortiSwitch platforms are purpose-built to meet the Ethernet infrastructure and provisioning needs of today's network edge. You can scale up/out your operations' performance needs with ease and low cost of ownership to meet the demands of bandwidth-intensive applications from small offices to large datacenters.

Cost-effective managed wire closet PoE switch

The FortiSwitch124B-POE is designed for small/mid-size businesses, classrooms and distributed remote locations that want to benefit from converged networking with lowest TCO. This switch offers total of 26 usable ports: 24 10/100 Mbps ports, two copper 10/100/1000 ports shard with two hot-swappable Small Form-factor Pluggable (SFP) cages for optional fiber connectivity. This standards based PoE Switch, provides power and data over the same Cat-5 UTP cable along with prioritization and SNMP making it ideal for deploying access points, VoIP phones and IP-based surveillance cameras. This high performing switch features a non-blocking wire-speed architecture with an 8.8Gbps switching capacity for maximum data throughput.

This managed switch also provides capabilities for VLAN segmentation of your voice, video, data and wireless traffic. The FortiSwitch family is packaged in a compact 1RU form factor and designed to connect network devices to the Ethernet fabric, thereby reducing your overall deployment costs.

Deployments made easy via Power-over-Ethernet

Via its built-in PoE power supply it can provide up to 100 watts of power, shared among the first 12 ports. In a typical office setting you can power wireless APs, VOIP phones as well as PC connectivity. All ports are capable of sourcing 15.4 Watts of power.

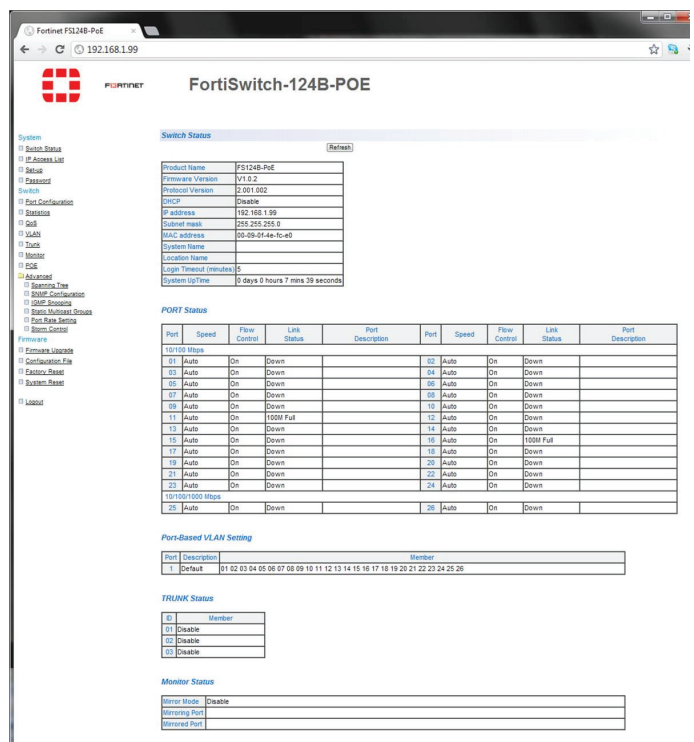
- High performance LAN edge ideal for the converged network application (voice, video, data, wireless)
- Up to 8.8 Gbps capacity
- 8K MAC address support.
- 2 shared Gigabit SFP ports for Fiber uplink support
- Powers any device support standards based 802.3af



Hardware Specifications	
PERFORMANCE	
Switch Type	Web managed
Switch Capacity	8.8 Gbps
MAC Address Storage	8,000
Network Latency	< 20 μ s for 64-byte
Buffer Memory	256 KB
VLANs Supported	64
Total Link Aggregation Groups	3
HARDWARE SPECIFICATIONS	
10/100 Ports	24 Copper (12 with PoE)
1 Gig Ports	2 Copper / 2 SFP (shared)
10 Gig Ports	0
PoE (802.3af) Ports	15.4 Watts (Ports 1-12)
PoE (802.3at) Ports	0
PoE Power Budget	100 Watts
DIMENSIONS	
Height	1.6 in (4.3 cm)
Width	17.8 in (44 cm)
Length	8.1 in (20.5 cm)
Weight	6.6 lb (3 kg)
Rack Mountable	Yes
Voltage Range	100-240V AC 50-60 Hz
Power Consumption	Up to 122 Watts
Power Supply	Internal AC Power
ENVIRONMENT	
Operating temperature	32 - 104 °F (0 - 40 °C)
Storage temperature	32 - 122 °F (0 - 50 °C)
Humidity	5 to 95% non-condensing
Compliance	RoHS
MTBF	> 20 Years
MANAGEMENT	
	Web Browser, Firmware upgradable
RFC and MIB SUPPORT	
IEEE 802.1AB Link Layer Discovery Protocol (LLDP)	
RFC 1493 Bridge MIB	
RFC 1643 Ethernet-like Interface MIB	
RFC 2131 DHCP client	
RFC 1213 MIB II	
RFC 1573 SNMP MIB II	
RFC 1157 SNMPv1	

Technical Specifications	
NETWORKING FEATURES	
	IEEE 802.1d Spanning Tree Protocol
	IEEE 802.1p class of service
	IEEE 802.1q VLAN
	IEEE 802.1ab LLDP
	IEEE 802.3ad Link Aggregation (manual)
	IEEE 802.3x Flow Control
	IEEE 802.3 10Base-T
	IEEE 802.3u 100Base-TX
	IEEE 802.3z 1000Base-SX/LX
	IEEE 802.3ab 1000Base-T
	Static IGMP and IGMP Snooping v1
	Port Mirroring Support
	Rate-limiting
	Port-based QoS
	DSCP – Layer 3 QoS

An intuitive, web-browser interface offers the simple Smart Switch management, making it a snap to monitor switch performance, configure ports, even set up port trunks, VLANs, and traffic prioritization.



Ordering Info		
Product	SKU	Description
FortiSwitch-124B-POE	FS-124B-POE	24 port Ethernet PoE Switch with 24 10/100 Copper ports , 2 Gigabit Ethernet ports shared with 2 SFP cages. PoE power can be supplied to first 12 ports with 802.3af compatibility. Ideal for VoIP and Wireless AP applications for classrooms, small offices and distributed retail as wire closet Ethernet edge switch.

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