



# Gigabit PoE networking.

VSPOE-SWB Series: Gigabit Power over Ethernet switches in 8, 16 & 24 ports.

The VSPOE- SWB Series comprises desktop & rackmount gigabit PoE switches in 8, 16 & 24 port configurations. They are a high speed networking solution with flexibility for a range of high-powered PoE devices. 16 and 24 port models offer L2 management for network traffic quality of service, VLAN and a suite of other features.

- Gigabit PoE+ device ports with 1000Mbps per port
- 2 x Gigabit SFP uplink ports (16 & 24 models only)
- PoE, PoE+ and Hi-PoE support for up to 60W per port
- Total PoE power load up to 360W (24 port model)
- Unmanaged (8 port) & L2 managed models (16/24 port)
- Rackmount tabs for cabinet installation (16/24 port)
- Professional appearance full metal enclosure
- Lightning overvoltage protection up to 2kV



Gigabit PoE+ Device Ports






Hi-PoE Support for 60W Devices



2 x SFP Fibre Uplink Ports

## VSPOE-SWB Series | Specifications

Model	VSPOE-SWB8G	VSPOE-SWB16G2	VSPOE-SWB24G2
Product Image			
Device Ports	8 x 10/100/1000 Base-T (PoE power supply ports)	16 x 10/100/1000 Base-T (PoE power supply ports)	24 x 10/100/1000 Base-T (PoE power supply ports)
Uplink Ports	N/A	2 x 1000 Base-X (combo port) 1 x RS232 via RJ45 console port	2 x 1000 Base-X (combo port) 1 x RS232 via RJ45 console port
PoE Protocol	PoE (IEEE802.3af) / PoE+ (IEEE802.3at) / Hi-PoE / PoE (IEEE802.3bt)	PoE (IEEE802.3af) / PoE+ (IEEE802.3at) / Hi-PoE	
Switch Power Load	Port 1: ≤90W Port 2 ~ 8: ≤30W Total: ≤96W	Port 1~2: ≤60W Port 3~16: ≤30W Total: ≤240W	Port 1 ~ 2: ≤60W Port 3 ~ 24: ≤30W Total: ≤360W
Switching Capacity	20Gbps	52Gbps	52Gbps
Packet Forwarding Rate	11.90Mbps	23.81Mbps	38.68Mbps
Exchange Mode	Store & forward		
Lightning Protection	Common Mode: 2kV / Differential Mode: 0.5kV	Common Mode: 2kV / Differential Mode: 1kV	
Input Power	48 ~ 57VDC	100 ~ 240VAC	
Mounting Options	Desktop	Rackmount Tabs	
Operating Environment	-10° ~ 55°C / RH95% (max)	-10° ~ 55°C / RH90% (max)	
Weight	0.49kg	3.51kg	
Dimensions	190 x 100 x 30mm	440 x 300 x 44mm	
Switch Management	Unmanaged	L2 Management	
MAC Address Capacity	8K		
Virtual LAN	N/A	802.1Q Standard VLAN	
Network Time Protocol	N/A	Support	
Spanning Tree Protocol	N/A	STP / RSTP / MSTP	
Port Aggregation	N/A	Manual aggregation / LACP protocol	
Port Mirroring	N/A	Many-to-one port mirroring	
DHCP	N/A	DHCP client, DHCP server, DHCP snooping	
LLDP	N/A	Support	
Extend Mode	Up to 250m range	N/A	
Flow Control	Enabled	Half-duplex based on back pressure type control; Full duplex based on PAUSE frame	
Security Features	N/A	User management, SSH, HTTPS, SNMP v1/2/3, ROMN, ACL, IP source guard, ARP inspection, 802.1x, loop protection	
System Maintenance	N/A	Configuration file upload/download Supports updated packet upload System log	
Quality of Service (QoS)	N/A	Quality of Service based on CoS / DPL / PCP / DEI / DSCP 8 output queue per port Supports port shaping & port tag remarking	
Network Management	N/A	WEB (HTTP protocol) Serial Support SNMP V1/V2/V3	
PoE Management	N/A	N/A	

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