

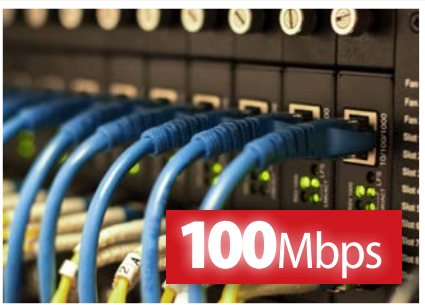


Flexible secondary networks.

VSPOE-SWH Series: Fast Power over Ethernet DIN rail switches in 4 & 8 ports.

The VSPOE-SW Series comprises DIN rail mountable fast PoE switches in 4 & 8 port configurations. They are ideal for building secondary networks - providing data and power to devices on the edge of a network, such as CCTV cameras, wireless access points, IP telephones, network access control systems and more.

- Fast PoE+ device ports with 100Mbps per port
- 1000Mbps Gigabit RJ45 & SFP fibre uplink ports
- PoE, PoE+ & Hi-PoE for support up to 60W per port
- Total PoE power load up to 96W (8 port model)
- Unmanaged switches for plug and play applications
- DIN rail mountable for neat rackmount installations
- Professional appearance full metal enclosure
- Lightning overvoltage protection up to 6kV



Fast 100Mbps PoE+ Device Ports





Supports up to 60W Hi-PoE Per Port



Gigabit RJ45 & SFP Uplink Ports

VSPOE-SWH Series | Specifications

Model	VSPOE-SW4H	VSPOE-SW8H
Product Image		
Device Ports	4 x 10/100 Base-T (PoE power supply ports)	8 x 10/100 Base-T (PoE power supply ports)
Uplink Ports	1 x 1000 Base-X 1 x 10/100/1000 Base-T	1 x 1000 Base-X 1 x 10/100/1000 Base-T
Switch Management	Unmanaged	
PoE Protocol	PoE (IEEE802.3af) / PoE+ (IEEE802.3at), Hi-PoE	
Switch Power Load	Port 1: ≤60W Ports 2~ 4: ≤30W Total: ≤60W	Ports 1 2: ≤60W Ports 3~ 8: ≤30W Total: ≤96W
Switching Capacity	6.8Gbps	7.6Gbps
Packet Forwarding Rate	3.57Mbps	4.17Mbps
Packet Buffer Memory	1MB	
MAC Address Capacity	8K	
Exchange Mode	Store & forward	
Power Supply	48~57VDC	
Lightning Protection	Common Mode: 6kV / Differential Mode: 4kV	
Operating Environment	-30° ~ 65°C / RH90% (max)	
Mounting Options	DIN Rail	
Weight	0.44kg	0.54kg
Dimensions	150 x 108 x 30mm	150 x 100 x 42mm

Your local VIP Vision™ network solutions professional:



Long distance PoE devices.

VSPOE-SWE Series: Fast Extended Power over Ethernet Switch in 8 ports.

The VSPOE-SWE Series achieves incredible network & power transmission distances over regular Ethernet cable. Extend CCTV installations up to 800m when paired with compatible extended PoE (ePoE) IP surveillance cameras. Models also feature Hi-PoE device support, multiple uplink ports and option for DIN rail mounting.

- Fast PoE+ device ports with 100Mbps per port
- 1000Mbps Gigabit RJ45 & SFP fibre uplink ports
- PoE, PoE+ and Hi-PoE support for up to 60W per port
- Total PoE power load up to 120W
- Extend up to 300m@100Mbps and 800m@10Mbps
- Unmanaged switch for plug and play applications
- DIN rail mountable for neat rackmount installations
- Professional appearance full metal enclosure



Fast 100Mbps PoE+ Device Ports




Hi-PoE Support for 60W Devices

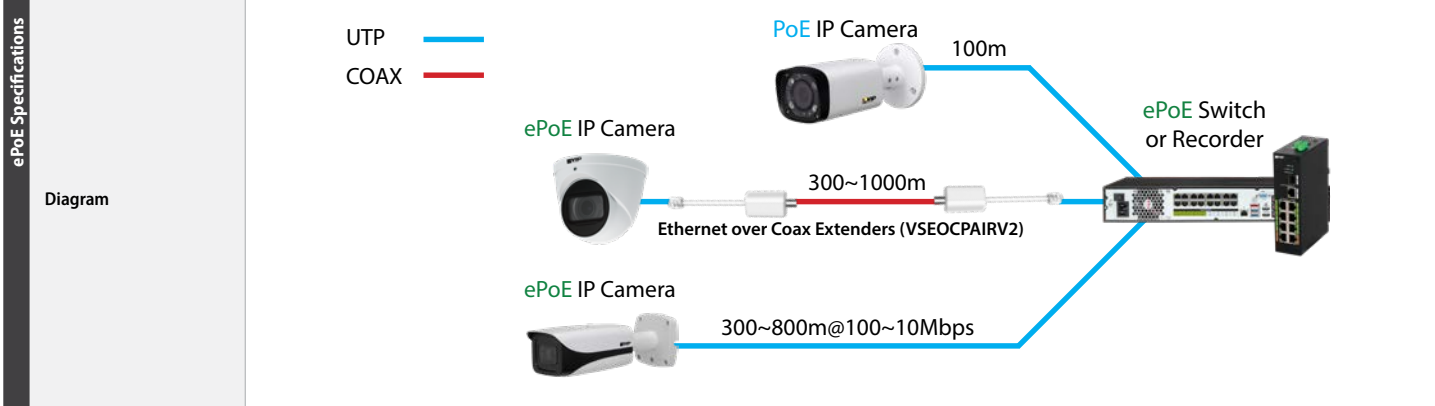


Extended PoE Range up to 800m

VSPOE-SWE Series | Specifications

Model	VSPOE-SW8E
Product Image	
Device Ports	8 x 10/100 Base-T (ePoE power supply ports)
Uplink Ports	1 x 1000 Base-X 1 x 10/100/1000 Base-T
Switch Management	Unmanaged
PoE Protocol	PoE (IEEE802.3af) / PoE+ (IEEE802.3at) / Hi-PoE
Switch Power Load	Ports 1, 5: ≤60W Port 2, 3, 4, 6, 7, 8: ≤30W Total: ≤120W
Switching Capacity	8.8Gbps
Packet Forwarding Rate	4.17Mbps
Packet Buffer Memory	2.75MB
MAC Table Size	8K
Exchange Mode	Store & forward
Power Supply	48~57VDC
Lightning Protection	Common Mode: 4kV / Differential Mode: 2kV
Operating Environment	-30° ~ 65°C / RH90% (max)
Mounting Options	DIN Rail
Weight	0.59kg
Dimensions	150 x 100 x 42mm

Cable Run Length		100m	200m	300m	400m	500m	800m
Bandwidth		100Mbps	100Mbps	100Mbps	10Mbps	10Mbps	10Mbps
PoE Load Capacity	48V	25.5W	25.5W	19W	17W	13W	7W
	53V	25.5W	25.5W	25.5W	23W	20W	13W
Hi-PoE Load Capacity	48V	53W	33W	19W	17W	13W	7W
	53V	53W	47W	32W	26W	20W	13W
Working Mode		IEEE / E100	E100	E100	E10	E10	E10



Your local VIP Vision™ network solutions professional:



Scalable fast PoE networks.

VSPOE-SWA Series: Fast Power over Ethernet Switches in 4, 8, 16 & 24 ports.

The VSPOE- SWA Series comprises desktop & rackmount fast PoE switches in 4, 8, 16 & 24 port configurations. They are a versatile networking solution with flexibility for a range of high-powered PoE devices & a variety of uplink ports. 16 and 24 port models offer L2 management for network traffic quality of service, VLAN and a suite of other features.

- Fast PoE+ device ports with 100Mbps per port
- Gigabit RJ45 & SFP uplink ports (8 port RJ45 only)
- PoE, PoE+ and Hi-PoE support for up to 60W per port
- Total PoE power load up to 360W (24 port model)
- Extend mode takes Ethernet cable runs up to 250m
- Unmanaged (8 port) & L2 managed models (16/24 port)
- Rackmount tabs for cabinet installation (16/24 port)
- Professional appearance full metal enclosure



Fast 100Mbps PoE+ Device Ports







Hi-PoE Support for 60W Devices



Gigabit RJ45 & SFP Uplink Ports

VSPOE-SWA Series | Specifications

Model	VSPOE-SWA4F		VSPOE-SWA8G		VSPOE-SWA16		VSPOE-SWA24	
Product Image								
Device Ports	4 x 10/100 Base-T (PoE power supply ports)		8 x 10/100 Base-T (PoE power supply ports)		16 x 10/100 Base-T (PoE power supply ports)		24 x 10/100 Base-T (PoE power supply ports)	
Uplink Ports	2 x 10/100 Base-T		2 x 10/100/1000 Base-T		2 x 10/100/1000 Base-T (combo port) 2 x 1000 Base-X (combo port) 1 x RS232 via RJ45 console port		2 x 10/100/1000 Base-T (combo 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							
Switch Power Load	Port 1: ≤60W Port 2 ~ 4: ≤30W	Total: ≤60W	Port 1: ≤60W 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	1.8Gbps		5.6Gbps		8.8Gbps		8.8Gbps	
Packet Forwarding Rate	0.89Mbps		4.17Mbps		5.36Mbps		6.5Mbps	
Exchange Mode	N/A		Store & forward					
Lightning Protection	Common Mode: 2kV / Differential Mode: 1kV		Common Mode: 2kV / Differential Mode: 0.5kV		Common Mode: 4kV / Differential Mode: 2kV			
Input Power	53VDC		48 ~ 57VDC		100 ~ 240VAC			
Mounting Options	Desktop				Rackmount Tabs			
Operating Environment	-10° ~ 55° C / RH90% (max)							
Weight	0.30kg		0.49kg		3.51kg			
Dimensions	130 x 85 x 26mm		190 x 100 x 42mm		440 x 300 x 44mm			
Switch Management	Unmanaged				L2 Management			
MAC Address Capacity	2K				4K			
Virtual LAN	N/A				802.1Q Standard VLAN			
Network Time Protocol	N/A							
Spanning Tree Protocol	N/A				STP / RSTP			
Port Aggregation	N/A				Static link aggregation / LACP protocol			
Port Mirroring	N/A				Many-to-one port mirroring			
LLDP	N/A							
DHCP	N/A				DHCP Client			
Extend Mode	Up to 250m range at 10Mbps (all ports via device switch)				Up to 250m range at 10Mbps (port configurable via management interface)			
Flow Control	Enabled				Half-duplex based on back pressure type control; Full duplex based on PAUSE frame			
Security Features	N/A				IP+MAC binding based on port; IEEE802.1x port authentication			
System Maintenance	N/A				One-key recovery Supports updated packet upload System log			
Quality of Service (QoS)	N/A				High and low priority / WRR / 802.1P / DSCP / Support priority according to protocol			
Network Management	N/A				WEB (HTTP and HTTPS protocol) Support SNMP V1/V2/V3			
PoE Management	N/A				PoE setting (real-time port consumption) PoE event statistics Green PoE			

Your local VIP Vision™ network solutions professional:



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 90W per port
- Total PoE power load up to 370W (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 6kV (24 port)



Gigabit PoE+ Device Ports







Hi-PoE Support for 90W Devices



2 x SFP Fibre Uplink Ports

VSPOE-SWB Series | Specifications

Model	VSPOE-SWB8G	VSPOE-SWB16G2	VSPOE-SWB24G2	VSPOE-SWB24G4
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)	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	2 x 1000 Base-X (combo port) 2 x 1000M SFP (uplink)(combo) 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		IEEE802.3af / IEEE802.3at / Hi-PoE / IEEE802.3bt
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	Port 1~2: ≤90W Port 3~24: ≤30W Total: ≤370W
Switching Capacity	20Gbps	52Gbps		56Gbps
Packet Forwarding Rate	11.90Mbps	23.81Mbps	38.68Mbps	41.7Mbps
Exchange Mode	Store & forward			
Lightning Protection	Common Mode: 2kV / Differential Mode: 0.5kV	Common Mode: 2kV / Differential Mode: 1kV		Common Mode: 6kV
Input Power	48 ~ 57VDC	100 ~ 240VAC		
Mounting Options	Desktop	Rackmount Tabs		Desktop & Rackmount Tabs
Operating Environment	-10° ~ 55°C / RH95% (max)	-10° ~ 55°C / RH90% (max)		-0° ~ 45°C / RH90% (max)
Weight	0.49kg	3.51kg		4kg
Dimensions	190 x 100 x 30mm	440 x 300 x 44mm		440 x 290 x 43mm
Switch Management	Unmanaged	L2 Management		
MAC Address Capacity		8K		16K
Virtual LAN	N/A	802.1Q Standard VLAN		32 interface
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		N/A
DHCP	N/A	DHCP client, DHCP server, DHCP snooping		N/A
LLDP	N/A	Support		N/A
Extend Mode	Up to 250m range	N/A		Up to 250m range
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		N/A
System Maintenance	N/A	Configuration file upload/download Supports updated packet upload System log		N/A
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		N/A
Network Management	N/A	WEB (HTTP protocol) Serial Support SNMP V1/V2/V3		WEB (HTTP protocol) Serial Support CLI; SNMP V1/V2/V3
PoE Management	N/A			

Your local VIP Vision™ network solutions professional:



Gigabit network solutions.

VSETH-SW Series: Unmanaged Gigabit Ethernet switches in 5, 8, 16 & 24 ports.

The VSETH-SW Series comprises gigabit speed Ethernet switches in 5, 8, 16 & 24 port configurations. Models are unmanaged switches for plug & play ease of use and affordability. They are ideal solutions for high-speed primary and secondary networks in homes, businesses, education institutions and more.

- Gigabit device ports with 1000Mbps per port
- Multiple sizes for primary or secondary networks
- Unmanaged switches for affordability & ease of use
- LED indicators for display of information
- Desktop and rackmount cabinet installation options
- Compact and professional appearance
- Lightning overvoltage protection up to 6kV
- 5V, 9V and 100~240VAC power input



High-Speed Gigabit Device Ports







Plug & Play Unmanaged Switches



Overvoltage Protection

VSETH-SW Series | Specifications

Model	VSETH-SW5G2	VSETH-SW8G	VSETH-SW16G	VSETH-SW24G
Product Image				
Device Ports	5 x 10/100/1000 Base-T	8 x 10/100/1000 Base-T	16 x 10/100/1000 Base-T	24 x 10/100/1000 Base-T
Switch Management	Unmanaged			
Switching Capacity	10Gbps	16Gbps	32Gbps	48Gbps
Packet Forwarding Rate	7.44Mbps	11.9Mbps	23.8Mbps	35.7Mbps
Packet Buffer Memory	1.5MB	1.5MB	2.0MB	2.0MB
MAC Address Capacity	2K	4K	8K	
Exchange Mode	Store & forward			
Power Supply	5VDC / 1A	9VDC	100-240VAC	
Lightning Protection	Common Mode: 2KV / Air Discharge: 8KV / Contact Discharge: 4KV	Common Mode: 4KV / Differential Mode: 0.5V	Common Mode: 6KV / Differential Mode: 0.5V	
Operating Environment	0° ~ +40°C			
Mounting Options	Desktop		Rackmount Tabs	
Weight	0.09kg	0.50kg	1.36kg	1.43kg
Dimensions	125mm x 65mm x 22mm	186mm x 106mm x 33mm	294mm x 178mm x 44mm	294mm x 178mm x 44mm

Your local VIP Vision™ network solutions professional:



Fibre backbone interface.

VSETH-SWF Series: Gigabit Fibre 9 Port Ethernet Switch with PoE

The VSETH-SWF Series enables the creation of high speed networks by connecting fibre and Ethernet infrastructure. Connect IP devices including surveillance, telephones, access points and more to fibre backbone with 4 x 1000M SFP and 5 x 1000M Ethernet ports. They are ideal in connecting large facilities such as school & university campuses.

- 4 x Gigabit 1000Mbps Ethernet ports with PoE
- 4 x Gigabit 1000Mbps SFP fibre uplink ports
- 1 x Gigabit 1000Mbps Ethernet uplink port
- Total PoE power load up to 120W
- Unmanaged switch for plug and play applications
- DIN rail mountable for neat rackmount installations
- Full metal enclosure for professional appearance
- Lightning overvoltage protection up to 4kV
- Electrostatic discharge protection up to 8kVW
- Operates in extreme temperatures from -30°~65°C



Fast 1000Mbps Ethernet & SFP Ports




Plug & Play Unmanaged Switch



Hi-PoE Support for 60W Devices

VSETH-SWF Series | Specifications

Model		VSETH-SW9GF2
Image	Product Image	
	Device Ports	Port 1-4: 4 x 10/100/1000Mbps Base-T (PoE) Port 5-8: 4 x 1000Mbps Base-X (uplink) Port 9: 1 x RJ45 10/100/1000Mbps Base-T (uplink)
Hardware & Performance	Switching Capacity	33Gbps
	Packet Forwarding Rate	13.39Mpps
	Packet Buffer Memory	1.75MB
	Flow Control	Enabled by default
	Exchange Mode	Store & forward
	Switch Management	1.75MB
	MAC Table Size	4K
PoE	PoE Power Consumption	Port 1: ≤ 90 W Port 2-4: ≤30 W Total: ≤120 W
	Switch Power Load	Idling: 2W / Full load: 96W
	PoE Standard	IEEE802.3/IEEE802.3u/IEEE802.3X/IEEE 802.3az/IEEE 802.3ab
Environmental	Power Supply	48 ~ 57VDC
	Lightning Protection	Common Mode: 4kV / Differential Mode: 2kV
	ESD Protection	Contact Discharge: ±6kV / Air Discharge: ±8kV
	Mounting Options	DIN Rail
	Operating Environment	-30° ~ 65°C / RH90% (max)
	Weight	0.67kg
	Dimensions	150mm x 110mm x 42mm

Your local VIP Vision™ network solutions professional:



Power over Ethernet accessories.

Accessories for VIP Vision™ networking and IP surveillance products.

The VIP Vision range of network accessories comprises PoE midspans, injectors, extenders.

Model	VSPOE-MS	VSPOE-IN30	VSPOE-EX
Product Image			
Ethernet Ports	1 x 10/100/1000M Base-T 1 x 10/100/1000 Base-T (PoE power supply)	1 x 10/100/1000 Base-T 1 x 10/100/1000 Base-T (PoE power supply)	1 x 10/100 Base-T PoE receiver port 1 x 10/100 Base-T PoE supply port for extender 1 x 10/100 Base-T PoE supply for IP camera
PoE Protocol	PoE / PoE+ / Hi-PoE	PoE / PoE+	N/A
PoE Power Supply	≤60W	≤30W	Cascade extenders with VSPOE-MS or Hi-PoE Switch Extend up to 300m with 2 x VSPOE-EX *Device power consumption ≤8W
Power Input	100 ~ 240VAC	100 ~ 240VAC	Hi-PoE via VSPOE-MS or PoE Switch
Operation Environment	-30° ~ 65°C / 10 ~ 90% RH (max.)	-10°C ~ 55°C / 10 ~ 90% RH (max.)	-30° ~ 65°C / 10 ~ 90% RH (max.)
Weight / Dimensions	0.39kg / 150 x 70 x 39mm	0.25kg / 132 x 60 x 33mm	0.06kg / 79 x 52 x 23mm
Diagram			


Your local VIP Vision™ network solutions professional:



Fibre networking accessories.

Accessories for VIP Vision™ networking and IP surveillance products.

VIP Vision miniGBIC modules for use with SFP (small form-factor pluggable) fibre port supported switches.

Model	SFPMM1
Product Image	
Cable Type	MMF (Multimode Fiber)
Form Type	SFP (Small Form-factor Pluggable)
Interface	LC duplex
DOM Support	Yes
Max Bit Rate	1.25Gb/s
Max Cable Distance	550m over OM2 MMF (50/125µm), 300m over OM1 MMF (62.5/125µm)
Optical Components	850nm VCSEL (Vertical Cavity Surface Emitted Laser)
TX Power	-9.5 ~ -3dBm
Protocols	MSA Compliant, IEEE 802.3z
Wavelength	850nm
Receiver Sensitivity	< -17dBm
Power Supply	<3.5V / 300mA
Operating Environment	-40° ~ 85°C / RH95% (max)

Your local VIP Vision™ network solutions professional: