

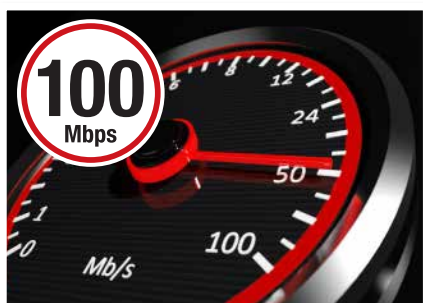


800m Power over Ethernet.

VSPOE Series: Switches available in 8-port PoE & 4-port Extended PoE models

The VSPOE series is comprised of DIN rail-mountable switches in PoE and ePoE models. Create reliable & fast networking installations with this range of network switches and deliver long range PoE with Extended Power over Ethernet.

- 100Mbps PoE downlink ports & Gigabit uplink ports
- PoE, PoE+ and Hi-PoE support for up to 60W PoE
- Extended PoE support for power at up to 800m range
- Base-X ports for optical fibre network integration
- Unmanaged switches - no configuration required
- High surge protection grade (4KV Common/2KV Diff.)
- Hardened Layer 2 designs for versatile positioning
- DIN rail mountable for professional installations



Up to 100Mbps PoE+ Downlink Ports





PoE+ and Hi-PoE Support



Extended PoE (ePoE) up to 800m

PoE & Fibre Switches | VSPOE Series Specifications

Model	VSPOE-SW8	VSPOE-SW4E
Series	 	
	Product Image	
Ethernet Ports	1 x 1000 Base-X 1 x 10/100/1000 Base-T 8 x 10/100 Base-T (PoE power supply ports)	1 x 1000 Base-X 1 x 10/100/1000 Base-T 4 x 10/100 Base-T (ePoE power supply ports)
Remote Management	N/A	
Switch Power Load	Per port: ≤30W Total: ≤93W	Ports 1~3: ≤30W Port 4: ≤60W Total: ≤96W
PoE Protocol	PoE (IEEE802.3af) / PoE+ (IEEE802.3at)	
Switching Capacity	7.6Gbps	6.8Gbps
Packet Forwarding Rate	4.17Mpps	3.57Mpps
Packet Buffer Memory	1Mb	
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	0.54kg	0.48kg
Dimensions	150 x 100 x 42mm	150 x 100 x 30mm

Extended PoE Overview

VIP Vision™ Extended Power over Ethernet systems can **transmit data and power at a distance of up to 800m** - a substantial improvement to the approximately 100m range of standard PoE network cable runs.

To utilise PoE, you must have an ePoE switch/NVR **AND** an ePoE compatible IP camera.

Maximum transmission distance is dependant on the data and power requirements of the individual camera. Cameras with higher requirements, such as PTZs, have a lower maximum distance. Refer to the tables below for details.

ePoE Switch Supply Voltage - 48V				
Cable	Bandwidth	PoE Load Capacity	Hi-PoE Load Capacity	Working Mode
100m	100Mbps	25.5W	53W	IEEE/E100
200m	100Mbps	25.5W	33W	E100
300m	100Mbps	19W	19W	E100
400m	10Mbps	17W	17W	E10
500m	10Mbps	13W	13W	E10
800m	10Mbps	7W	7W	E10

ePoE Switch Supply Voltage - 53V				
Cable	Bandwidth	PoE Load Capacity	Hi-PoE Load Capacity	Working Mode
100m	100Mbps	25.5W	53W	IEEE/E100
200m	100Mbps	25.5W	47W	E100
300m	100Mbps	25.5W	32W	E100
400m	10Mbps	23W	26W	E10
500m	10Mbps	20W	20W	E10
800m	10Mbps	13W	13W	E10



All VIP Vision™ cameras with **VSIPe** at the start of their product code are ePoE compatible.