POE Series Unmanaged Gigabit PoE+ Switches

The POE Series comprises four models of Fast and Gigabit Ethernet unmanaged Power over Ethernet Plus (PoE+) switches, designed as low cost, easy to implement solutions where workgroups need to support devices such as IP Phones which require powering from the switch over UTP data cable.

The POE Series offers two Fast Ethernet and two Gigabit Ethernet models - an 8 and 24 port switch for each network environment. Both 8 port models are housed in a robust all metal desktop case. The 24 port models have an all metal 1RU 19" rackmount case. Rackmount kits are provided.

All models in the series are designed to provide non-blocking, wirespeed performance even with full duplex activity on all ports.

All POE series switches provide IEEE 802.3af and the latest 802.2at 'PoE+' Power over Ethernet. With all RJ-45 ports supporting PoE+, devices such as IP Phones and Wireless Access Points can now be connected directly to the network with data and power supplied over a single UTP cable, reducing deployment and maintenance costs and making it much easier to install devices exactly where they are required. With POE series 802.3at PoE+ support, up to 30 watts of power can be supplied per port, so power hungry devices such an Pan Tilt Zoom IP Security Cameras can be connected directly to the network. Whatever your requirements may be, the POE series offers low cost PoE solutions with individual models supporting from 8 to 24 PoE+ ports.

POE series are designed for fast, hassle-free deployment into Ethernet environment networks of all sizes. All models in the series provide RJ-45 port interfaces which support MDI/MDI-X and PoE standards, thus ensuring complete plug and play network and PoE PSE (power sourcing) connectivity. In addition, the POE series offers exceptional value, with some of the lowest per port costs of any PoE switch currently on the market.

Key Features

- Up to 24 PoE+ IEEE 802.3at Power over Ethernet RJ-45 ports (802.3af compatible)

- Fully compliant to IEEE 802.3af and 802.3at PoE standards

- Fast Ethernet and Gigabit Ethernet models

- Each PoE+ port provides up to 30 watts of power

- Up to 150 or 260 watts power budget for 8 or 24 port switch models

- Wirespeed performance - up to 48Gbps switching capacity

- 8 and 24 port models ideal for small and enter-prise networks

- Robust all metal desktop or 1RU rackmount cases

- Industry-leading per port value

- Fast, plug and play deployment

- 2 Year Warranty

Specifications

Port Configuration

	POEFE8TV3	POEFE24TV2	POEGE8TV2	POEGE24T2SFP
Total Ports	8	24	8	26
10/100Mbps RJ-45 Ports	8	24	-	-
10/100/1000Mbps RJ-45 Ports	-	-	8	24
SFP Ports	-	-	-	2x 1Gb

Poe Power Capacity

	POEFE8TV3	POEFE24TV2	POEGE8TV2	POEGE24T2SFP
Total PoE Power	150W	220W	150W	260W
PoE Pins	1, 2, 3 & 6	4, 5, 7 & 8	1, 2, 3 & 6	1, 2, 3 & 6 (Odd Ports) 4, 5, 7 & 8 (Even Ports)
PoE Per Port	802.3af; 15.4W 802.3at; 30.0W	802.3af; 15.4W 802.3at; 30.0W	802.3af; 15.4W 802.3at; 30.0W	802.3af; 15.4W 802.3at; 30.0W
PoE Per Port (Full Load)	18.75W	9W	18.75W	10.8W

Hardware Performance

	POEFE8TV3	POEFE24TV2	POEGE8TV2	POEGE24T2SFP
Switching Capacity	1.6Gbps	4.8Gbps	16Gbps	52Gbps
MAC Table	2K	8K	8K	16K

Voltage and Frequency

Input Voltage	100-240 VAC
Frequency	50 ~ 60 Hz

Environmental

Operating Temperature	Fahrenheit - 32º to 104º	Centigrade - 0º to 40º
Operating Humidity	10% to 90% non-condensing	

Weights and Dimensions

	POEFE8TV3	POEFE24TV2	POEGE8TV2	POEGE24T2SFP
Weight	1.5Kg / 3.3lb	2.55Kg / 5.62lb	1.5Kg / 3.3lb	2.55Kg / 5.62lb
Dimensions (WxDxH, mm)	280 x 179 x 44.5	441 x 208 x 44	280 x 179 x 44.5	440 x 205 x 44

Mounting

Rackmount	EIA-standard 19in rackmount brackets included
Desktop	Rubber feet included for desktop mount

Warranty Information

Warranty	2 Year Warranty

Product Models

Model	Description
POEFE8TV3	8 Port Fast Ethernet 802.3at PoE Unmanaged Switch, 150 Watts
POEFE24TV2	24 Port Fast Ethernet 802.3at PoE Unmanaged Switch, 220 Watts
POEGE8TV2	8 Port Gigabit Ethernet 802.3at PoE Unmanaged Switch, 150 Watts
POEGE24T2SFP	24 Port Gigabit Ethernet 802.3at PoE Unmanaged Switch + 2 SFP Ports, 260 Watts

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