![EDIMAX - NETWORKING PEOPLE TOGETHER]

ES-1008PHE V2

8-Port Fast Ethernet Switch With 4 POE+ Ports

The ES-1008PHE V2 is an 8-port Fast Ethernet switch with 4 POE+ (Power over Ethernet) ports, designed for use in home, small or medium sized network environments. It is easily to connect and supplies power to any POE enabled devices such as wireless access points, network cameras, IP phones as well as the other Ethernet-enabled devices , for example, computers, printers, and network attached storages (NAS) onto the some network. The device's compact size and fan-less design makes the ES-1008PHE V2 ideal for home and small business easily to expand the network.

Power over Ethernet (POE+) Auto Detection
The ES-1008PHE V2 features 4 IEEE 802.3at Power over Ethernet (POE+) ports, port 1 to port 4, which supply up to 30 watts of power per port to IEEE 802.3 af/at compliant network devices, including wireless access points, network cameras and IP phones. The ES-1008PHE V2 also features POE detection, to verify whether the connected device is IEEE 802.3at/af compliant and supply power as needed; if it is not a POE+ device, only data will be sent through the LAN cable.

Plug & Play, No Installation And Special Cable Required
The ES-1008PHE V2 is with no configuration required. Just easily plug the Ethernet or POE enabled devices into port 1 to port 4 of the ES-1008PHE V2 switch, the data and power can be transmitted through the existing standard Cat-5 Ethernet cables with no additional cost for special cables.

Flexible Network Deployment And Cost Saving
The ES-1008PHE V2 POE+ switch is the best solution for when power outlets are difficult to install or the power outlets are too far from the device. The ES-1008PHE V2 also supports IEEE 802.3az Energy Efficient Ethernet, allows for less power consumption during periods of low data activity.

Fan-Less Quiet And Compact Design
The ES-1008PHE V2 is with fan-less design ensures quiet operation and compact size without tacking too many desk space for home or small office environments.

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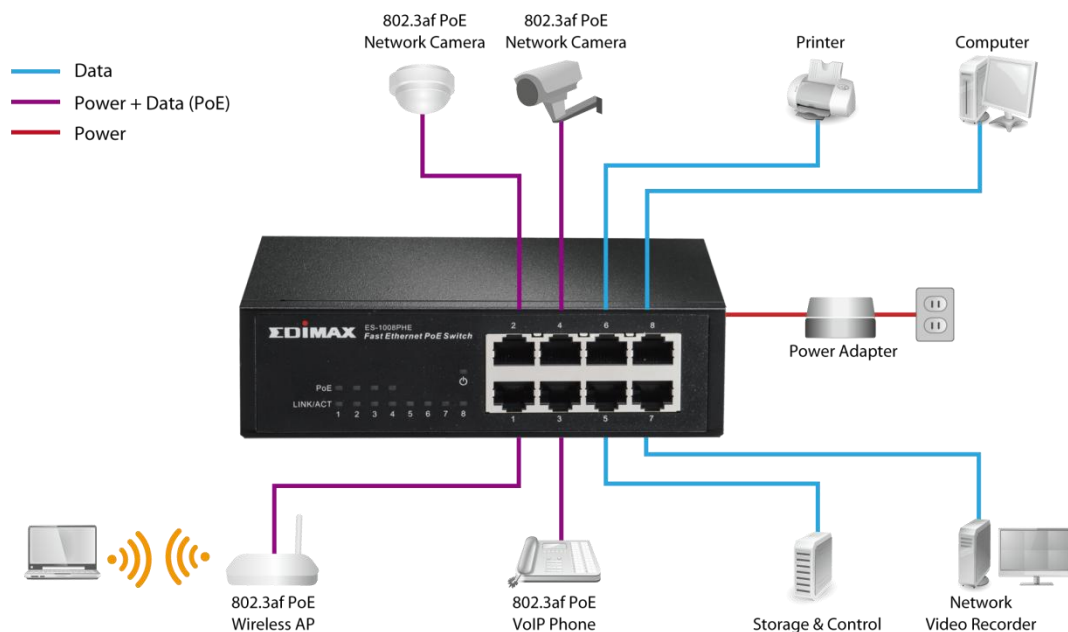## FEATURES

- Complies with IEEE 802.3, 802.3u, 802.3x, and 802.3at standards
- Supplies 55V DC with up to 60W output per POE+ port (port 1 to port 4)
- Automatically detects Powered Devices (PDs) and power consumption levels
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports IEEE 802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- Includes an external power adapter

TECHNICAL SPECIFICATIONS

Standards	Features	Filtering / Forwarding Rates
IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3at POE+ IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet	RJ-45 Ports: 8 POE+ Ports: 4 MAC Address: 1K Buffer Memory: 56K Transmission Method: Store and Forward	100Mbps Port - 148,800pps 10Mbps Port - 14,880pps

Transmission Media	LED Indicators	Power Requirement
10BASE-T Cat. 3, 4, 5 UTP/STP 100BASE-TX Cat. 5 UTP/STP	Power: Green LED LNK/ACT: Green LED (Port 1 - Port 8) POE+: Green LED (Port 1 – Port 4)	100 to 240V AC, 55V/1.3A (external power adapter)

Power Budget	Temperature	Humidity
Total Power Budget: 68W POE+ Power Budge: Up to 60W	Operating: 0 to 50℃ Storage: -40 to 70℃	Operating: 10 to 90% RH (Non-condensing)

Dimensions	Weight	Certifications
165 x 118 x 39mm (L x W x H)	0.60kg	CE FCC Class B

APPLICATION DIAGRAM