

ES-1008PHE

8-Port Fast Ethernet Switch With 4 PoE Ports

The ES-1008PHE 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 ideal for home and small business easily to expand the network.

Power over Ethernet (PoE) Auto Detection

The ES-1008PHE features 4 IEEE 802.3af Power over Ethernet (PoE) ports, port 1 to port 4, which supply up to 15.4 watts of power per port to IEEE 802.3af compliant network devices, including wireless access points, network cameras and IP phones. The ES-1008PHE also features PoE detection, to verify whether the connected device is IEEE 802.3af 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 is with no configuration required. Just easily plug the Ethernet or PoE enabled devices into port 1 to port 4 of the ES-1008PHE 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 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 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 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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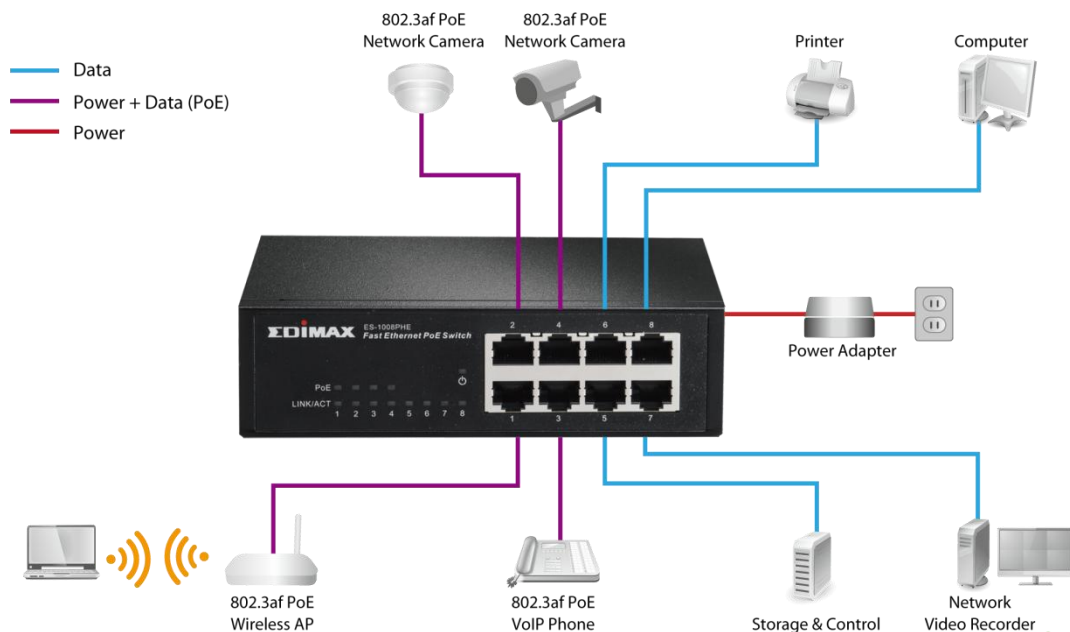
FEATURES

- Complies with IEEE 802.3, 802.3u, 802.3x, and 802.3af standards
- Supplies 48V DC with up to 15.4W 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
<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3af PoE • IEEE 802.3x Flow Control • IEEE 802.3az Energy Efficient Ethernet 	<ul style="list-style-type: none"> • RJ-45 Ports: 8 • PoE Ports: 4 • MAC Address: 1K • Buffer Memory: 56K • Transmission Method: Store and Forward 	<ul style="list-style-type: none"> • 100Mbps Port - 148,800pps • 10Mbps Port - 14,880pps
Transmission Media	LED Indicators	Power Requirement
<ul style="list-style-type: none"> • 10BASE-T Cat. 3, 4, 5 UTP/STP • 100BASE-TX Cat. 5 UTP/STP 	<ul style="list-style-type: none"> • Power: Green LED • LNK/ACT: Green LED (Port 1 - Port 8) • PoE: Green LED (Port 1 - Port 4) 	<ul style="list-style-type: none"> • 100 to 240V AC, 48V/1A (external power adapter)
Power Budget	Temperature	Humidity
<ul style="list-style-type: none"> • Total Power Budget: 48W • PoE Power Budget: Up to 43W 	<ul style="list-style-type: none"> • Operating: 0 to 50°C • Storage: -40 to 70°C 	<ul style="list-style-type: none"> • Operating: 10 to 90% RH (Non-condensing)
Dimensions	Weight	Certifications
<ul style="list-style-type: none"> • 146 x 84 x 42mm (L x W x H) 	<ul style="list-style-type: none"> • 0.37kg 	<ul style="list-style-type: none"> • CE • FCC Class B

APPLICATION DIAGRAM



Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice. Copyright © 2014 Edimax Technology Co. Ltd. All rights reserved. www.edimax.com

