

## USH5008-PE4

### 8-Port 10/100M Switch with 4-Port PoE

Delivering data and power over existing network cables



#### FEATURES

- IEEE802.3af Power over Ethernet (PoE) standard compliant (DTE power via MDI)
- Complies with IEEE802.3 and IEEE802.3u standards
- 8 x RJ-45 10/100Mbps auto speed switch ports
- Built-in 4 x PoE ports with maximum 15.4W per port
- Supports PoE Power Device(PD) classification identify
- Provides over current and circuit shorting protection
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) detection
- All ports with auto MDI-X function for switch-to-station & switch-to-switch connection with non crossover cable
- Supports full and half duplex operation on all ports
- Operates at max. packet filtering and forwarding rate
- Store and forward transmission method
- Easy-to-read LEDs provide instant operating feedback
- Supports 1K MAC address entries in whole system
- 768K bits buffer memory
- Desktop size with 19" rack mountable bracket
- Convenient internal switching power, 100 ~ 240V AC

#### PACKAGE CONTENTS

- One 8-port 10/100M PoE Ethernet Switch
- One User's Manual
- One Set of 19" Mounting Bracket and Screws
- One Internal Power Cord

#### OVERVIEW

USH5008-PE4 is an 8-port 10/100Mbps Switch with built-in 4 PoE ports. It supports IEEE802.3af Power over Ethernet (PoE) standard and supplies up to 15.4 watts per port to power any 802.3af compliant power devices such as IP-based products like PoE Wireless Access Point, PoE IP phone, PoE Network security camera, and more.

The advantage of PoE function is to provide power and data over existing network cables. It eliminates the need for electricians or extension cords while installing new expanding equipments. Therefore, USH5008-PE4 can save space, reduce cables and eliminate the requirement for the dedicated electrical outlets to lower the installation cost. This PoE technology is suitable for small business, school campus, bookstore, coffee shop with internet hot spot, or enterprise network environments.

USH5008-PE4 has outstanding performance and high efficiency. It fulfills the needs of connecting the partners of network with best network speed and duplex mode automatically. Duplex mode also doubles the bandwidth by enabling two-ways communication. All ports support auto MDI/MDI-X, connecting switch to switch is more convenient with non-crossover cable.

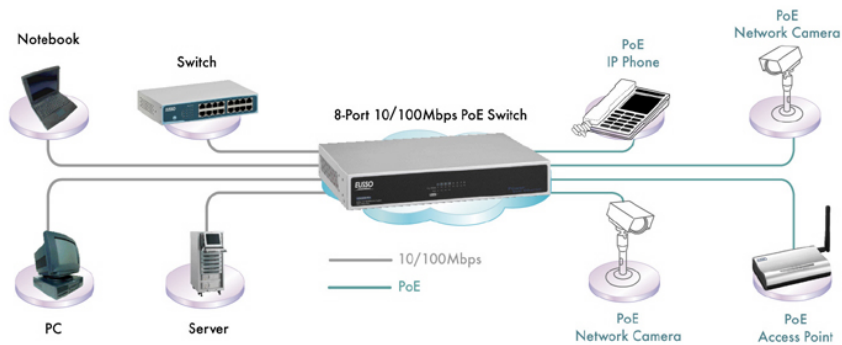
Store-and-forward service is the proof of low latency and non-error package delivering, such as CRC and runt error. Plug & play and all kinds of network protocols compilation make the installation & network management easily and fast. The Easy-to-tell LED indicators are the best helper of users to know the working situation of the switch. The switch is plug-and-play without any software to configure and also fully compliant with all kinds of network protocols.

## SPECIFICATIONS

System Specifications	
<b>Ethernet Standard</b>	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x Full duplex operation and flow control IEEE802.3af Power over Ethernet
<b>Interface</b>	8 x 10/100Mbps RJ-45 Switch ports (port 1 ~ 8) 4 x 10/100Mbps RJ-45 PoE ports (port1~4)
<b>PoE Power Consumption</b>	64.32W (Max. with 4 x 15.4W per port with PoE device connected) 4.848W (Max. with no PoE device connected)
<b>Uplink</b>	Auto MDI/MDI-X ( Auto Crossover )
<b>Network Speed</b>	10/100Mbps Full/Half duplex mode auto detection
<b>Diagnostic LED</b>	Power, 10/100M Link/Act, PoE status
<b>MAC Address Entry</b>	1K MAC entries
<b>Memory</b>	768 bits for the whole system
<b>Filtering / Forwarding Rate</b>	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
<b>Installation</b>	Desktop Size, 19" Rack Mountable ( Included 19" Bracket )
<b>Operating Temperature</b>	0° ~ 40°C (32° ~ 104°F)
<b>Operation Humidity</b>	10% ~ 90% (non-condensing)
<b>Dimension</b>	262 (L) x 184 (W) x 41 (H) mm
<b>Weight</b>	1.41 kg (Net)
<b>Power Supply</b>	100~240V AC, 50-60Hz, Internal Universal Switching Power Supply
<b>Emission Certification</b>	CE, FCC Class A, VCCI Class A

## APPLICATION DIAGRAM

10/100Mbps PoE Switch Application Diagram



The 8-port PoE switch supplies up to 15.4 watts per port to power any IEEE802.3af compliant power devices for IP-based products such as PoE Wireless Access Point, PoE IP phone, PoE network security camera and more to deliver power and data over existing network cable infrastructure.

## ORDERING INFORMATION

Model	Description
USH5008-PE4	8-port 10/100M Ethernet Switch with 4 x PoE ports (Included 19" Bracket)

*EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.*

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