

## UPE5408-E

### 8-Port 10/100Mbps High Power PoE Switch

Delivering data and power over existing network cables



#### Features

- IEEE802.3at/af Power over Ethernet (PoE) standard
- Complies with IEEE802.3 and IEEE802.3u standards
- 8 x RJ-45 10/100M PoE ports with maximum 30W per port, total power budget is 120W (15.4W/port)
- 8 x RJ-45 10/100Mbps auto speed switch ports
- 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
- 64KB 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 Internal Power Cord
- One Set of 19" Mounting Bracket and Screws

#### OVERVIEW

UPE5408-E is an 8-port 10/100Mbps Fast Ethernet Switch with built-in 8 PoE ports. It supports IEEE802.3at/af Power over Ethernet (PoE) standard and supplies 120 Watts in total for all the PoE-On ports, and up to 30 watts per port to power any 802.3at/af compliant power devices such as IP-based products like outdoor PoE Wireless Access Point, PoE IP phone, outdoor 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, UPE5408-E 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.

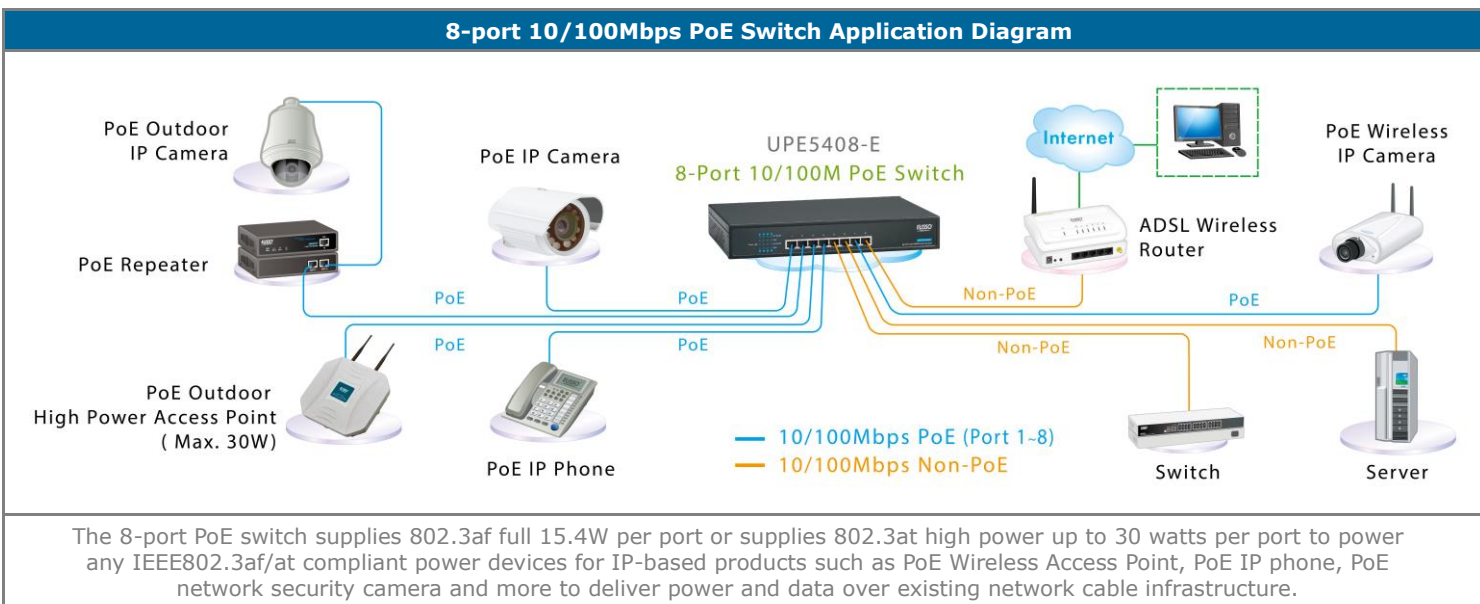
UPE5408-E has outstanding performance and high efficiency. It fulfills the needs of connecting the partners of network with best network speed and duplex mode automatically. Duplex mode also doubles the bandwidth by enabling two-ways communication. All ports support auto MDI/MDI-X, connecting switch to switch is more convenient with non-crossover cable.

The UPE5408-E supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection. It is ideal for desktop or is allowed to install in a 19" cabinet by rack-mount kits.

## SPECIFICATIONS

| System Specifications              |  |
|------------------------------------|--|
| <b>Ethernet Standard</b>           | IEEE802.3 10BASE-T<br>IEEE802.3u 100BASE-TX<br>IEEE802.3x Full duplex operation and flow control<br>IEEE802.3at/af Power over Ethernet                                   |
| <b>Interface</b>                   | 8 x 10/100Mbps RJ-45 PoE ports ( port 1~8 )  |
| <b>PoE Spec.</b>                   | PoE Power Budget : Max.123.3W (15.4W/Port)<br>Up to 30W for each PoE Port<br>PD Classification Identify<br>PoE Over Current Protection<br>PoE Circuit Sorting Protection |
| <b>Power Pin Assignment</b>        | 1/2 (+), 3/6 (-)   |
| <b>PoE Power Output</b>            | 56V/DC per port Output – 30W max. per port   |
| <b>Network Speed</b>               | 10/100Mbps Full/Half duplex mode auto detection  |
| <b>Diagnostic LED</b>              | Power, PoE Act/Status, PoE Link/Act, PoE   |
| <b>MAC Address Entry</b>           | 1K MAC entries   |
| <b>Buffer Memory</b>               | 64KB for the whole system  |
| <b>Filtering / Forwarding Rate</b> | 10Mbps: 14,880pps/14,880pps<br>100Mbps: 148,800pps/148,800pps  |
| <b>Installation</b>                | 11" Desktop Size, 19" Rack Mountable ( Included 19" Bracket )  |
| <b>Operating Temperature</b>       | 0° ~ 45°C  |
| <b>Operation Humidity</b>          | 10% ~ 90% (non-condensing)   |
| <b>Dimension</b>                   | 280 (L) x 185 (W) x 44 (H) mm  |
| <b>Weight</b>                      | 1.6kg (Net)  |
| <b>Power Supply</b>                | 100~240V AC, 50-60Hz, Internal Universal Switching Power Supply  |
| <b>Emission Certification</b>      | CE, FCC, LVD   |

## APPLICATION DIAGRAM



## ORDERING INFORMATIONS

| Model     | Description  |
|-----------|--|
| UPE5408-E | 8-port 10/100M Fast Ethernet PoE Switch ( total 120W ) |

*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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