

UPE5408-GE

8-Port Gigabit 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, 802.3u & 802.3ab standards
- 8 x RJ-45 10/100/1000M PoE ports with maximum 30W per port, total power budget is 120W (15.4W/port)
- 8 x RJ-45 10/100/1000Mbps auto speed switch ports
- Supports PoE Power Device (PD) classification identify
- Provides over current and circuit shorting protection
- Supports NWay protocol for speed (10/100/1000Mbps) and full duplex / half duplex mode detection
- All ports with auto MDI-X function for switch-to-station & switch-to-switch connection with non crossover cable
- Operates at max. packet filtering and forwarding rate
- Safe and reliable power to IP-base PoE products
- Store and forward transmission method
- Easy-to-read LEDs provide instant operating feedback
- Supports 8K MAC address entries in whole system
- 128KB buffer memory
- 11" Desktop size with 19" rack mountable bracket
- Convenient Internal switching power 100 ~ 240V AC

Package Contents

- One 8-port 10/100/1000M PoE Switch
- One User's Manual CD-ROM
- One Internal Power Cord
- One Set of 19" Mounting Bracket and Screws

OVERVIEW

UPE5408-GE is an 8-port 10/100/1000Mbps Gigabit Switch with built-in 8 high power PoE ports. It supports IEEE802.at and IEEE802.3af Power over Ethernet (PoE) standard and supplies 15.4 W per port with 120 Watts in total for all the PoE-On ports, and up to 30 watts per port to power any 802.3at 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-GE 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.

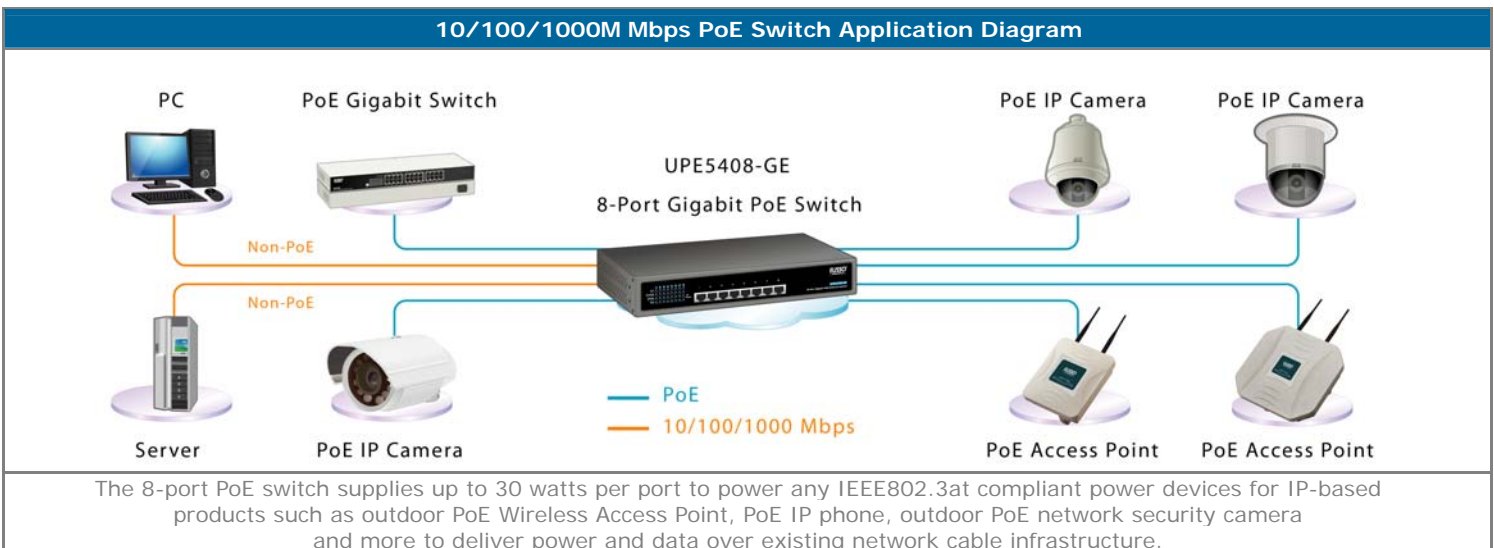
UPE5408-GE has outstanding performance and high efficiency. It fulfills the needs of connecting the partners of network with best network speed and duplex mode automatically. Duplex mode also doubles the bandwidth by enabling two-ways communication. All ports support auto MDI/MDI-X, connecting switch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

The UPE5408-GE 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 an ideal for desktop or is allowed to install in a 19" cabinet by rack-mount kits for central management.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Full duplex operation and flow control IEEE802.3at/af Power over Ethernet
Interface	8 x 10/100/1000Mbps RJ-45 PoE ports (port 1~8)
PoE Spec.	PoE Power Budget : 120W (15.4W/port) Up to 30W for each 802.3at PoE Port PD Classification Identify PoE Over Current Protection PoE Circuit Sorting Protection
Pin Assignment and Polarity	1/2 (+), 3/6 (-)
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100/1000Mbps Full/Half duplex mode auto detection
Diagnostic LED	Power, 10/100, 1000, Link/Act, PoE
MAC Address Entry	8K MAC entries
Buffer Memory	128KB
Filtering / Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps : 1,488,100pps
Installation	11" Desktop Size, 19" Rack Mountable (Included 19" Bracket)
Operating Temperature	0° ~ 50°C (32° ~ 104°F)
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	280 (L) x 185 (W) x 44 (H) mm
Weight	1.7kg (Net)
Power Supply	Input : 100~240V AC, 50-60Hz, Requirements AC input Current : 2A @ 100 ~ 240 VAC Output : 56V DC
Emission Certification	CE, FCC

APPLICATION DIAGRAM



ORDERING INFORMATIONS

Model	Description
UPE5408-GE	8-port 10/100/1000M Gigabit Switch with 8 x high power PoE Ports, total 120W
UPE5408-GE25	8-port 10/100/1000M Gigabit Switch with 8 x high power PoE Ports, total 250W

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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