

UPE5405-4GE

4-Port PoE + 1-Port Uplink Gigabit Switch

Delivering data and power over existing network cables



Features

- IEEE802.3af Power over Ethernet (PoE) standard
- Complies with IEEE802.3, 802.3u, 802.3ab standards
- 5 x RJ-45 10/100/1000Mbps auto speed switch ports
- Built-in 4 x 10/100/1000M PoE ports with maximum 15.4W per port + 1 x 10/100/1000M uplink port
- Supports PoE Power Device (PD) classification identify
- Provides over current and circuit shorting protection
- Supports NWay protocol for speed (10/100/1000Mbps) 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
- 104KB buffer memory
- Slide-In design for 8-Bay 19" rack chassis (option)
- External Power Adapter 100 ~ 240V AC

Package Contents

- One 5-port 10/100/1000M PoE Ethernet Switch
- One User's Manual CD-ROM
- One 48V DC External Power Adapter
- One Set of Wall-mounting Kits

OVERVIEW

UPE5405-4GE is a 5-port 10/100/1000Mbps Fast Ethernet Switch with built-in four PoE ports + one uplink port. It supports IEEE802.3af Power over Ethernet (PoE) standard and supplies 65 Watts in total for all the PoE-On ports, and 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, UPE5405-4GE 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.

UPE5405-4GE 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.

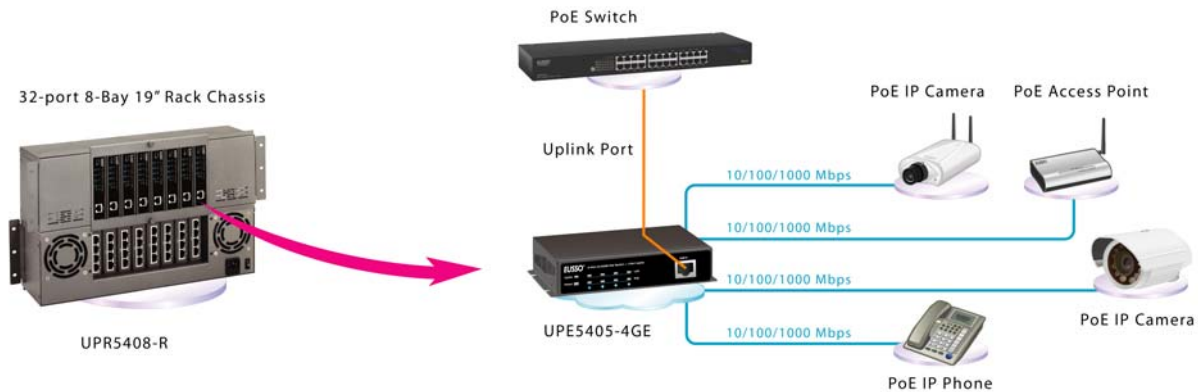
The UPE5405-4GE supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection. It is compact in size, making it ideal for desktop or is allowed to install in an 8-Bay 19" cabinet by rack-mount kits.

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 IEEE802.3af Power over Ethernet
Interface	4 x 10/100/1000Mbps RJ-45 PoE ports (port 1 ~ 4) 1 x 10/100/1000Mbps RJ-45 Uplink port
PoE Spec.	PoE Power Budget : 65W Up to 15.4W for each PoE Port PD Classification Identify PoE Over Current Protection PoE Circuit Sorting Protection PoE power on RJ-45 pin1, 2 for power + /pin 3, 6 for power -
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100/1000Mbps Full/Half duplex mode auto detection
Diagnostic LED	Power, Uplink, LAN 1 ~ 4 Port, PoE 1 ~ 4 Port
MAC Address Entry	1K MAC entries
Buffer Memory	104KB for the whole system
Filtering / Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps : 1,488,100pps
Installation	Desktop Size, Wall-Mounting, 8-Bay 19" Rack Chassis (Optional)
Operating Temperature	0° ~ 50°C (32° ~ 104°F)
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	120 (L) x 90 (W) x 28 (H) mm
Weight	350g (Net)
Power Supply	Input : 100~240V AC, 50-60Hz, External Power Adapter Output : 48VDC/1.35A max 65W
Emission Certification	CE, FCC

APPLICATION DIAGRAM

10/100/1000Mbps PoE Switch Application Diagram



The 5-port Gigabit 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. It's able to install into a 19" 8-Bay Chassis for up to 32-port PoE Switch.

ORDERING INFORMATIONS

Model	Description
UPE5405-4GE	5-port 10/100/1000M Switch with 4 x PoE ports + 1 x uplink port, total 65W
UPR5408-R	8-Bay 19" Rack Chassis up to 32-Ports for UPE5405-4E/4M/4GE

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.

2012/8/15 ver 1.0F



EUSSO Technologies, Inc.

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235-58, Taiwan

TEL:+886 (2) 8221-4616 E-mail:sales@eusso.com

FAX:+886 (2) 8221-4607 <http://www.eusso.com>