

## UPE5405-4GET

### 4-Port 30W PoE + 1-Port Uplink Gigabit Switch

Delivering data and power over existing network cables



#### Features

- IEEE802.3af/at 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 30W per port + 1 x 10/100/1000M uplink port. The total PoE power budget is 65W
- 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)

#### 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

UPE5405-4GET is a 5-port 10/100/1000Mbps Switch with built-in four high power 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 30 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, UPE5405-4GET 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.

UPE5405-4GET 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.

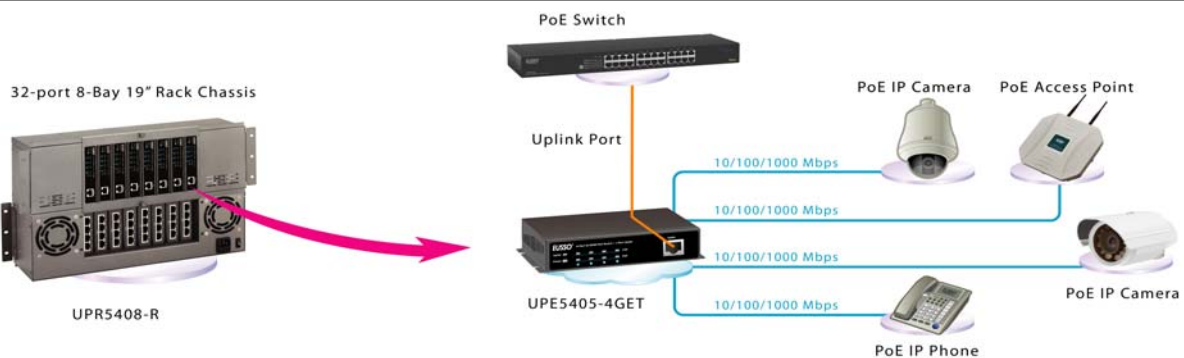
The UPE5405-4GET supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection. It is compact in size, making it ideal for desktop or is allowed to install in an 8-Bay 19" cabinet by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

## SPECIFICATIONS

System Specifications	
<b>Ethernet Standard</b>	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
<b>Interface</b>	4 x 10/100/1000Mbps RJ-45 PoE ports ( port 1~4 ) 1 x 10/100/1000Mbps RJ-45 Uplink port
<b>PoE Spec.</b>	PoE Power Budget : 65W (15.4/port) Up to 30W 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 -
<b>Uplink</b>	Auto MDI/MDI-X ( Auto Crossover )
<b>Backplane</b>	Backplane 10Gbps
<b>Network Speed</b>	10/100/1000Mbps Full/Half duplex mode auto detection
<b>Diagnostic LED</b>	Power, Uplink, LAN 1 ~ 4 Port, PoE 1 ~ 4 Port
<b>MAC Address Entry</b>	1K MAC entries
<b>Buffer Memory</b>	104KB for the whole system
<b>Filtering / Forwarding Rate</b>	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps :1,488,100pps
<b>Installation</b>	Desktop Size, Wall-Mounting, 8-Bay 19" Rack Chassis ( Optional )
<b>Operating Temperature</b>	0° ~ 50°C (32° ~ 104°F)
<b>Operation Humidity</b>	10% ~ 90% (non-condensing)
<b>Dimension</b>	120 (L) x 90 (W) x 28 (H) mm
<b>Weight</b>	350g (Net)
<b>Power Supply</b>	Input : 100~240V AC, 50-60Hz, External Power Adapter Output : 48VDC/1.35A max 65W
<b>Emission Certification</b>	CE, FCC

## APPLICATION DIAGRAM

### 10/100/1000Mbps High Power PoE Switch Application Diagram



The 5-port Gigabit PoE switch supplies up to 30 watts per port to power any IEEE802.3at/af compliant power devices for IP-based products such as outdoor PoE Wireless Access Point, PoE IP phone, outdoor 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 INFORMATION

Model	Description
UPE5405-4GET	5-port 10/100/1000M Switch with 4 x High Power PoE ports + 1 x uplink port, total 65W
UPR5408-R	8-Bay 19" Rack Chassis up to 32-Ports for UPE5405-4E/4M/4GE/4GET/4GET2

*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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**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>