

UPE5405-4M

4-Port PoE Switch with High Power Injector

Delivering data and power over existing network cables



Features

- Compliant with IEEE802.3af/at standard
- Complies with IEEE802.3 and IEEE802.3u standards
- 5 x RJ-45 10/100Mbps auto speed switch ports
- Built-in 4 x 10/100M PoE ports with maximum up to 48W per port + 1 x 10/100M uplink port
- Supports high power to 1/2/3/4 PDS: 48/30/20/15.4W
- Provides over current and circuit shorting protection
- Provides DIP switch for per-port PoE enabled/disabled
- 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
- Store and forward transmission method
- Easy-to-read LEDs provide instant operating feedback
- Supports 1K MAC address entries in whole system
- 48KB buffer memory
- Slide-In design for 8-Bay 19" rack chassis (option)
- External Power Adapter 100 ~ 240V AC

Package Contents

- One 5-port 10/100M PoE Ethernet Switch
- One User's Manual CD-ROM
- One 48V DC/1.3A External Power Adapter
- One Set of Wall-mounting Kits

OVERVIEW

UPE5405-4M is a 5-port 10/100Mbps Fast Ethernet Switch with built-in one uplink port + 4-port PoE capability. With 4 DIP switches, each PoE port can be manually set for On-Off control. It is able to supply high power injector of up to 48W if one port PoE is ON, or 30W on each port if two PoE ports are ON, or 20W if three PoE ports are ON and full 15.4W on each PoE if four PoE ports are ON.

It supports IEEE802.3af and Pre-802.at Power over Ethernet (PoE) standard and supplies 65 Watts in total for all the PoE-On ports. It can use with EUSSO PoE Repeater to extend another 100 meters or several 100 meters if multiple Repeaters are used to power any 802.3af/at compliant power devices such as IP-based products like PoE Wireless Access Point, PoE IP phone, PoE Network security camera, and more.

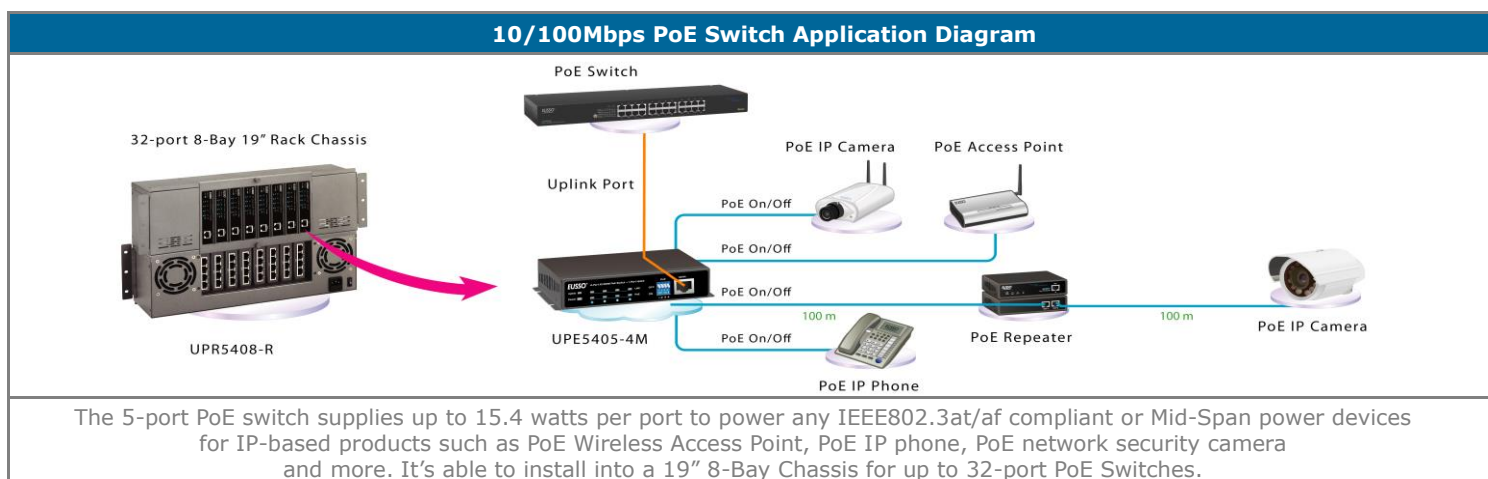
The advantage of PoE function is to provide power and data over existing network cables. It eliminates the need for electricians or extension cords while installing new expanding equipments. Therefore, UPE5405-4M can save space, reduce cables and eliminate the requirement for the dedicated electrical 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.

The UPE5405-4M 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 IEEE802.3x Full duplex operation and flow control
Interface	4 x 10/100Mbps RJ-45 PoE ports (port 1~4) 1 x 10/100Mbps RJ-45 Uplink port
PoE on Each Port	PoE Power Budget : 65W (15.4W/port) 1-port ON : @ 48W x 1 2-ports ON : @ 30W x 2 3-ports ON : @ 20W x 3 4-ports ON : @ 15.4W x 4
PoE Spec.	PD Classification Identify PoE Over Current Protection PoE Circuit Sorting Protection
Output Power Pin	4, 5, 7, 8
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100Mbps 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	48KB for the whole system
Filtering / Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Installation	Desktop Size, Wall-Mounting, 8-Bay 19" Rack Chassis (Optional)
Operating Temperature	0° ~ 45°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, 47-63Hz, External Power Adapter Output : 48VDC/1.3A max 65W
Emission Certification	CE, FCC

APPLICATION DIAGRAM



ORDERING INFORMATIONS

Model	Description
UPE5405-4M	5-port 10/100M Switch with 4 x High Power Mid-Span PoE ports + 1 x uplink port, total 65W
UPR5408-R	8-Bay 32-Port 19" Rack Chassis 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.

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EUSSO Technologies, Inc.
7F-3, No 268 Liancheng Rd., Zhonghe Dist. 235-58 Taiwan

TEL : +886 (2) 8227-8032
FAX : +886 (2) 8227-8899

E-mail : sales@eusso.com
http://www.eusso.com