

UPE5405-4HM

4-Port High Power PoE + 1-Port Uplink Switch

Delivering data and power over existing network cables



Features

- Compliant with IEEE802.3at and 802.3af standard
- Complies with IEEE802.3 and IEEE802.3u standards
- 5 x RJ-45 10/100Mbps auto speed switch ports
- Built-in 1 x 10/100M uplink port + 4 x 10/100M high power PoE ports with maximum up to 48W per port
- Provides over current and circuit shorting protection
- Provides DIP switch for PoE On-Off control per port
- 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
- Store and forward transmission method
- Easy-to-read LEDs provide instant operating feedback
- Supports 2K MAC address entries in whole system
- 512K bits buffer memory
- Slide-In design for 8-Bay 19" rack chassis (option)
- External Power adapter 90 ~ 260VAC
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Package Contents

- One 5-port 10/100M High Power PoE Switch
- One User's Manual CD-ROM
- One 48V DC/2.7A External Power Adapter
- One Set of Wall-mounting Kits

OVERVIEW

UPE5405-4HM is a 5-port 10/100Mbps Fast Ethernet Switch with built-in one uplink port + 4-port High Power PoE capability. With 4 DIP switches, each PoE port can be manually set for On-Off control. It is able to supply high power up to 48W Per PoE port.

It supports IEEE802.3af and IEEE802.at Power over Ethernet (PoE) standard and supplies 120 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 outdoor PoE Wireless Access Point, outdoor PoE IP phone, outdoor PoE Network security camera, and more.

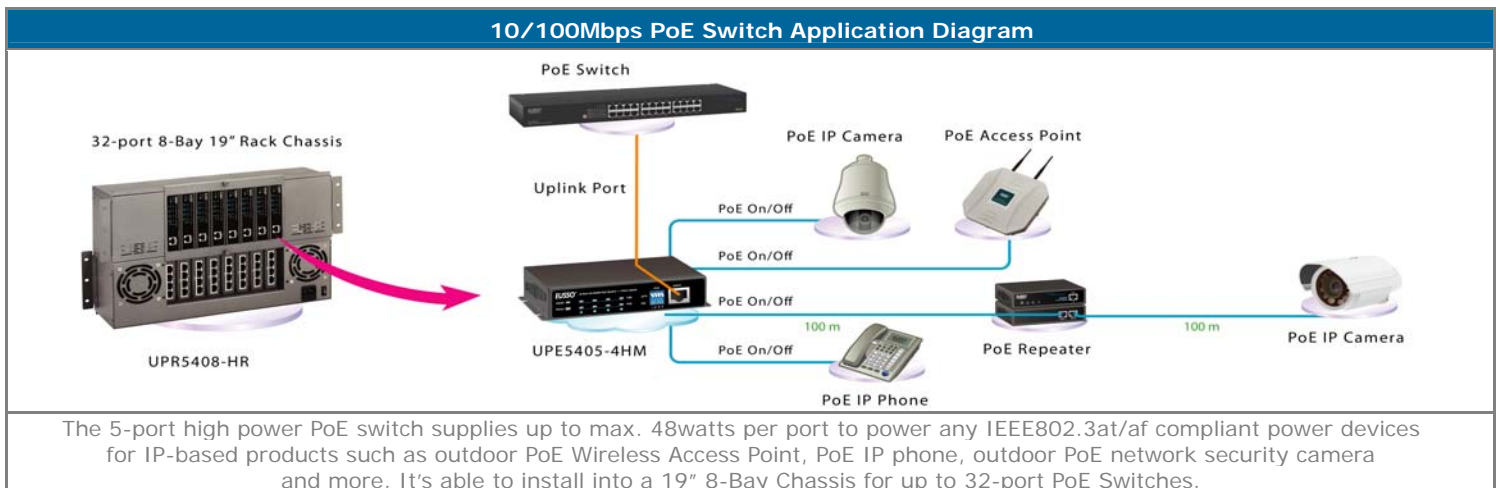
The advantage of PoE function is to provide power and data over existing network cables. It eliminates the need for electricians or extension cords while installing new expanding equipments. Therefore, UPE5405-4HM can save space, reduce cables and eliminate the requirement for the dedicated electrical 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 UPE5405-4HM 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 into an 8-bay 19" cabinet for central management.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x Full duplex operation and flow control IEEE802.3af/at Power over Ethernet
Interface	4 x 10/100Mbps RJ-45 High Power PoE ports (port 1~4) 1 x 10/100Mbps RJ-45 Uplink port
PoE on Each Port	Total PoE Power : Max. 120W by manual Setup (30W/port) Per PoE Port : Max. 48W (PoE DIP ON)
Output Power Pin	4, 5, 7, 8
PoE Spec.	PD Classification Identify PoE Over Current Protection PoE Circuit Sorting Protection PoE power on RJ-45 pin3,6 for power + /pin 1,2 for power
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	2K MAC entries
Buffer Memory	512K bits 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° ~ 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 : 90~260V AC, 50-60Hz, External Power Adapter Output : 48VDC/2.7A
Emission Certification	CE, FCC

APPLICATION DIAGRAM



ORDERING INFORMATIONS

Model	Description
UPE5405-4HM	5-port 10/100M Switch with 4 x High Power PoE ports + 1 x uplink port, total 120W
UPR5408-HR	8-Bay 19" Rack Chassis for High Power UPE5405-4HM

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.

2012/8/14 ver 1.0F



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