UPE5408-4E (V2)

8-Port 10/100M Switch with 4-Port PoE

Delivering data and power over existing network cables

| 4 PoE | 8 10/100M | 30W Max. | 15.4W Per Port | 65W Total | PD Detection | Auto MDI-X |

| PoE 802.3at/af | IEEE 802.3 | IEEE 802.3u | 11" Desktop | 19" Bracket (Optional) | 100~240V |

Features

- IEEE802.3at/af Power over Ethernet (PoE) standard
- 8 x RJ-45 10/100Mbps auto speed switch ports
- Built-in 4 x 10/100M PoE ports with max. up to 30W per port, total power budget is 65W (15.4W/port)
- Complies with IEEE802.3 and IEEE802.3u standards
- Supports PoE Power Device (PD) classification identify
- Provides over current and circuit shorting protection
- 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
- 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
- Supports 64KB buffer memory
- Convenient internal switching power 100 ~ 240V AC
- 11" metal case with 19" Rack-mount holders

Package Contents

- One 8-port 10/100M Switch with 4-port PoE
- One User's Manual
- One Internal Power Cord
- One Set of 19" Rack Mounting Bracket and Screws

OVERVIEW

UPE5408-4E (v2) is an 8-port 10/100Mbps Switch with built-in 4 PoE high power ports. It supports IEEE802.3at/af Power over Ethernet (PoE) standard and supplies 65 Watts in total for full 15.4W 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, 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, UPE5408-4E (v2) 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.

UPE5408-4E (v2) 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.
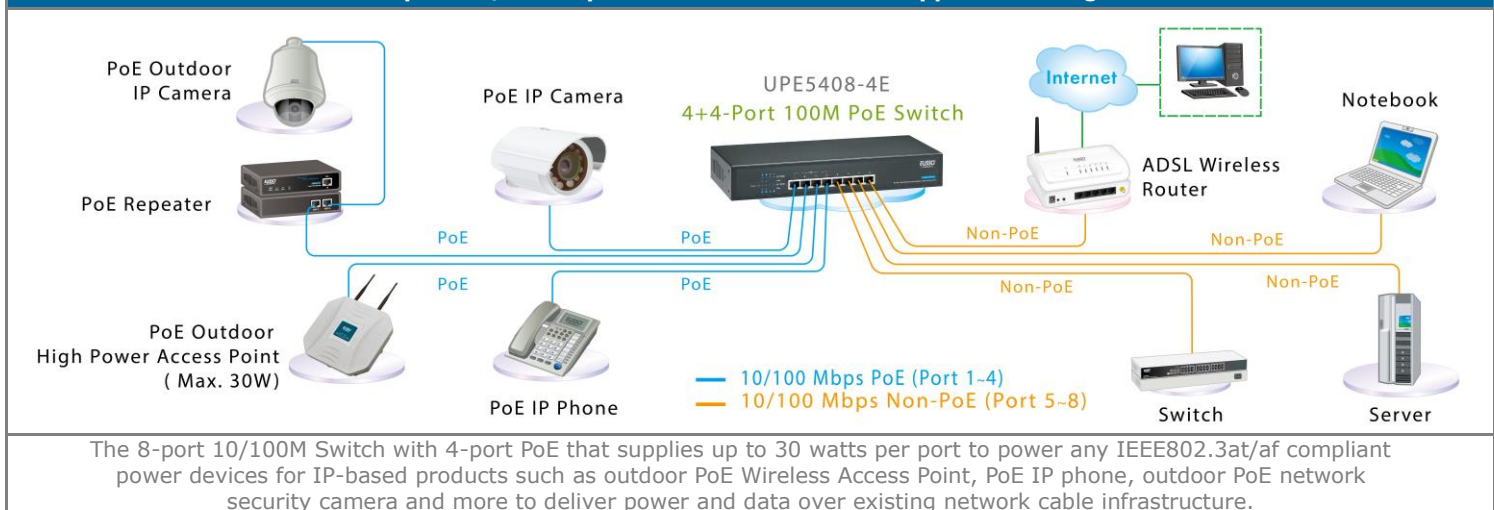
The UPE5408-4E (v2) supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection. It is compact in size, making it ideal for desktop or is allowed to install in 19" cabinet by rack-mount holders.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.3　　　　10BASE-T IEEE802.3u　　　　100BASE-TX IEEE802.3x　　　　Full duplex operation and flow control IEEE802.3at/af　　Power over Ethernet
Interface	4 x 10/100Mbps RJ-45 PoE ports (port 1~4) 8 x 10/100Mbps RJ-45 LAN ports (port 1~8)
PoE Spec.	PoE Power Budget : 65W (15.4W/port) Up to max. 30W per PoE Port PD Classification Identify (Remote PoE PD Detection) PoE Over Current Protection PoE Circuit Sorting Protection
Power Pin Assignment	1/2 (+), 3/6 (-)
PoE Power Output	54VDC per port Output – 30W max. per port (802.3at)
Network Speed	10/100Mbps Full/Half duplex mode auto detection
Diagnostic LED	Power, PoE Act/Status , Link/Act, PoE
Uplink	Auto MDI/MDI-X (Auto Crossover)
MAC Address Entry	1K MAC entries
Buffer　Memory	64KB for the whole system
Filtering / Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Installation	11” Desktop Size, 19” Rack Mountable (Included 19” Bracket)
Operating Temperature	0° ~ 40°C
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	280 (L) x 127 (W) x 44 (H) mm
Weight	1.2kg (Net)
Power Supply	Input :100~240V AC, 50 ~60Hz, Internal Universal Switching Power Supply
Emission Certification	CE, FCC, LVD

APPLICATION DIAGRAM

8-port 10/100Mbps Switch with 4 Port PoE Application Diagram

The 8-port 10/100M Switch with 4-port PoE that 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 to deliver power and data over existing network cable infrastructure.

ORDERING INFORMATIONS

Model	Description
UPE5408-4E	8-port 10/100M Switch with 4 x PoE ports (total 65W)

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