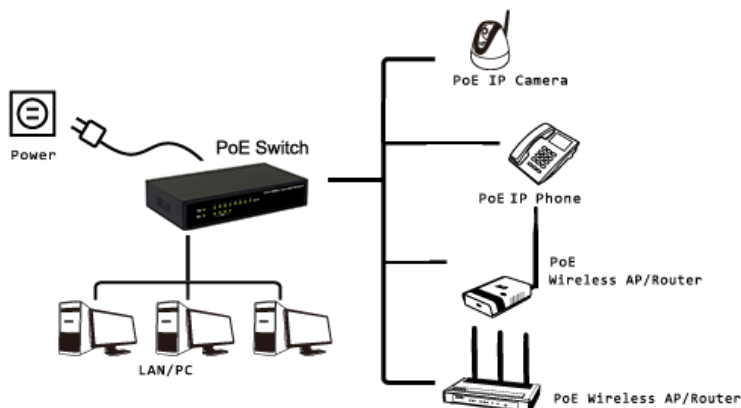# APS084

8-Port 10/100Mbps with 4-Port PoE Desktop Ethernet Switch

APS084 8-port 10/100M with 4-Port PoE switch meets the demand of high power PoE network appliances seamlessly with fast Ethernet connection. Up to 60W power-output, APS084 feeds Max. 15.4W per port to PoE-enabled devices via standard Cat.5E / Cat. 6 cable. With power and data over Ethernet from one device, APS084 not only simplifies cabling tasks, but also extends remote power supply to PoE PD devices (IP camera, wireless AP, or IP phones) at Max. 100-meter distance.

APS084 is environmental-friendly, supporting latest energy-saving technology, Energy-Efficient Ethernet mode (EEE; defined in IEEE 802.3az) to reduce networking system power consumption. NO configuration needed, APS084 negotiates and determines the required power output for connected cable length/device.

APS084

8-Port 10/100Mbps with 4-Port PoE Desktop Ethernet Switch

Features:

- 8 x 10/100Mbps auto-negotiation RJ-45 ports with 4-Port 802.3af PoE

- Max. 15.4W per port for 802.3af PD device

- Max. power budget 60W with PoE usage LED

- IEEE 802.3x flow control & backpressure support

- Store and forward, non-blocking wire-speed reception and transmission

- 8 x 10/100Mbps auto-negotiation RJ-45 ports supporting auto-MDI/MDI-X

- 2K MAC address auto-learning and auto-aging

- Innovative energy-efficient technology, IEEE802.3az reduces power consumption any time

- LED indicators for monitoring power, link, activity, PoE, PoE status

Specifications:

Standards Conformance	
Ethernet standards	IEEE 802.3 (Ethernet), IEEE 802.3u (Fast Ethernet)
	IEEE 802.3x (Full-duplex flow control) IEEE 802.3az (Efficient Ethernet)
Power over Ethernet	4-Port 802.3af PoE injector (Port 1 – port 4)
PoE Power PIN assignment	PIN 1/2 (+), PIN 3/6 (-)
PoE Power output	802.3af: per port Max. 15.4 watts
PoE Power Budget	60W
Hardware Specification	
Ethernet Interface	8 x 10/100Base-TX RJ-45 Auto-MDI/MDI-X ports
Switch Processing Scheme	Store-and-Forward
Throughput (packet per second)	10Mbps：14880pps
	100Mbps：148800pps
Switch fabric	1.6Gbps
Address Table	2K entries
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
General	
Construction	Metallic housing
LED indicators	Act/Link, Power, PoE, PoE status
Dimensions (L x W x H)	140 x 77 x 27mm
Power Consumption	100-240V～50-60Hz, 0.6A
Operational Environment	Operating Temperature: 0℃ - 40℃
	Storage Temperature: -10℃ - 70℃
	Operating Humidity: 10%~90% non-condensing
	Storage humidity: 5%~90% non-condensing