

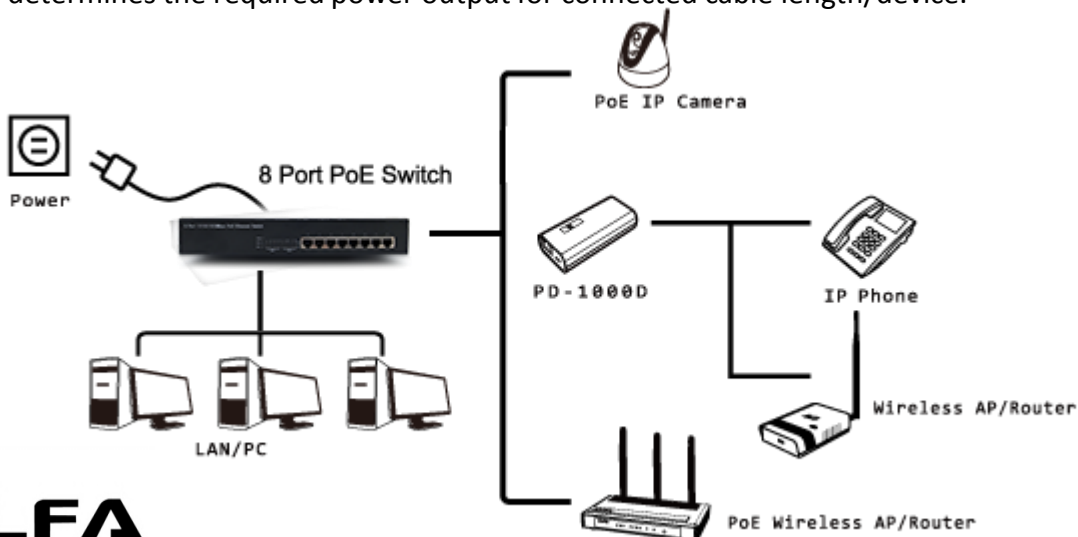
APS08G

8-Port Gigabit 802.3at PoE Desktop Switch



APS08G 8-port 10/100/1000M 802.3at PoE switch meets the demand of high power PoE network appliances seamlessly with fast Ethernet connection. Up to 150W power-output, APS08G feeds Max. 30W per port to PoE-enabled devices via standard Cat.5E / Cat. 6 cable. With power and data over Ethernet from one device, APS08G 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.

APS08G 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, APS08G negotiates and determines the required power output for connected cable length/device.



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8-Port Gigabit 802.3at PoE Desktop Switch

Features:

- 8 x 10/100/1000Mbps auto-negotiation RJ-45 ports with 8-Port 802.3at PoE
- Max. 30W per port for 802.3at PD device
- Max. power budget 150W with PoE usage LED
- IEEE 802.3x flow control & backpressure support
- Store and forward, non-blocking wire-speed reception and transmission
- 8 x 10/100/1000Mbps auto-negotiation RJ-45 ports supporting auto-MDI/MDI-X
- 8K MAC address auto-learning and auto-aging
- Innovative energy-efficient technology, IEEE802.3az reduces power consumption any time
- LED indicators for monitoring power, PoE, link, activity

Specifications:

Standards Conformance	
Ethernet standards	IEEE 802.3 (Ethernet), IEEE 802.3u (Fast Ethernet), IEEE802.3ab IEEE 802.3x (Full-duplex flow control) IEEE 802.3az (Efficient Ethernet)
Power over Ethernet	8-Port 802.3af / 802.3at PoE injector
PoE Power PIN assignment	PIN 1/2 (+), PIN 3/6 (-)
PoE Power output	802.3af: per port Max. 15.4 watts 802.3at: per port Max. 30 watts
PoE Power Budget	150W
Hardware Specification	
Ethernet Interface	8 x 10/100/1000 Base-TX RJ-45 Auto-MDI/MDI-X ports
Switch Processing Scheme	Store-and-Forward
Throughput (packet per second)	10Mbps : 14880pps, 100Mbps : 148800pps, 1000Mbps: 1488000pps
Switch fabric	16Gbps
Address Table	8K 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
Dimensions (L x W x H)	280 x 180 x 44.5mm
Power Consumption	100-240V~50-60Hz, 0.6A
Operational Environment	Operating Temperature: 0°C - 40°C Storage Temperature: -10°C - 70°C Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing