

Item no.: APS084

## APS084 - Desktop Ethernet Switch, 8-Port 10/100 Mbps with 4-Port PoE

# 35,55 EUR

Item no.: APS084  
 shipping weight: 0.90 kg  
 Manufacturer: ALFA Network



### Product Description

#### ALFA APS084 - Desktop Ethernet Switch, 8-Port 10/100 Mbps with 4-Port PoE

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

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

#### Features:

- 8x 10/100 Mbps auto-negotiation RJ-45 ports with 4-Port 802.3af PoE
- Max. 15.4 W per port for 802.3af PD devices
- Max. power budget of 60 W with PoE usage LED
- IEEE 802.3x flow control & backpressure support
- Store and forward, non-blocking wire-speed reception and transmission
- 8x 10/100 Mbps auto-negotiation RJ-45 ports supporting auto-MDI/MDI-X
- 2K MAC address auto-learning and auto-aging
- Innovative energy-efficient technology, IEEE 802.3az reduces power consumption any time
- LED indicators for monitoring power, link, activity, PoE, PoE status

#### 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 W
- PoE power budget: 60 W

#### Hardware Specification

- Ethernet Interface: 8x 10/100Base-TX RJ-45 Auto-MDI/MDI-X ports
- Switch Processing Scheme: Store and Forward
- Throughput (packet per second)
  - 10 Mbps: 14880 pps
  - 100 Mbps: 148800 pps
- Switch fabric: 1.6 Gbps
- 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: Activity/link, Power, PoE, PoE status
- Dimensions (L x W x H): 140 x 77 x 27mm
- Power consumption: 100-240 V, ~50-60 Hz, 0.6 A
- 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

## Specifications

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