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ES-1008PH

8-Port Fast Ethernet Switch With 4 PoE+ Ports

Description
The ES-1008PH is an 8-port Fast Ethernet switch with 4 PoE ports, designed for use in small or medium sized network environments. The device's compact size makes the ES-1008PH ideal for users with limited space.

Complies with IEEE 802.3at Power over Ethernet (PoE)
The ES-1008PH features 4 IEEE 802.3at Power over Ethernet (PoE) ports, which supply up to 30 watts of power per port. It can convert standard 100-240V AC power into low-voltage DC, which runs over existing LAN cables to supply power to IEEE 802.3at compliant network accessories. The ES-1008PH also features PoE detection, to verify whether the connected device is IEEE 802.3at compliant; if it is not a PoE device, only data will be sent through the LAN cable. The ES-1008PH can connect with a variety of PoE products, including access points, IP cameras and IP phones. It is the best solution for when power outlets are difficult to install or the power outlets are too far from the device.

No Special Networking Cable Required
The standard Cat-5 Ethernet cable is used to link the ES-1008PH and the powered devices. This Ethernet cable can transmit both data and power. No separate power cable is needed for the powered devices, thus reducing installation time and costs.

FEATURES & TECHNICAL SPECIFICATIONS

- Complies with IEEE 802.3, 802.3u, 802.3x, 802.3af, and 802.3at standards
- Supplies 48V DC with 30W output per port (80W total power budget)
- Automatically detects power devices (PD) and power consumption levels
- Supports auto fault detection (over/under current & voltage)
- Supports IEEE 802.3az Energy Efficient Ethernet

Standards	Features	Filtering / Forwarding Rates
IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af/802.3at PoE IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet	RJ-45 Ports: 8 PoE Ports: 4 MAC Address: 1K Buffer Memory: 96K Transmission Method: Store and Forward	100Mbps Port - 148,800pps 10Mbps Port - 14,880pps

Transmission Media	LED Indicators	Power Requirement
10BASE-T Cat. 3, 4, 5 UTP/STP 100BASE-TX Cat. 5 UTP/STP	Power: Green LED LNK/ACT: Green LED (Port 1 - Port 8) PoE: Green LED (Port 1 - Port 4)	100 to 240V AC, 50/60Hz Consumes 5 Watts (Max)

PoE Power Budget	Dimensions	Weight
75W PoE Ports Full Load: 30W x 2P = 60W or 15.4W x 4P = 61.6W or 30W x 1P + 15.4W x 2P = 30W + 30.8W = 60.8W	280 x 179 x 44.5mm (L x W x H)	1.35 kg

Temperature	Humidity	Certifications
Operating: 0 to 40℃ Storage: -40 to 70℃	Operating: 10 to 90% RH (Non-condensing)	CE FCC Class B

802.3af/at PoE Wireless AP   802.3af/at PoE VoIP Phone   802.3af/at PoE Network Camera   802.3af/at PoE Network Camera   Network Video Recorder   Storage & Control