POE SWITCHER

16 10/100 Base-TX & 16 Port PoE Switch

250W

- 16 CH
- IEEE 802.af
- 8/16 Ch Powered
- 250W

16 Ports

An Unmanaged Switch, is designed for residential building in the corridor-level broadband switching equipment, for the edge of the access and LAN to provide high-quality network connections. It also provide the PoE function for powering of wireless LAN (WAN) access points, IP security cameras, VoIP telephone and other low port density installations. This is a case-shaped device with a chassis of 1U high. It provides 16 10/100Base-TX ports. It provides 8/16 PoE Injector.

Power-over-Ethernet (PoE) eliminates the need to run DC power to other devices on a wired LAN Using a Power-over-Ethernet system, installers need to run only a single Category 5 Ethernet cable that carries both power and data to each device. This allows greater flexibility In the locating of network devices and, in many cases, significantly decreases installation costs.

There are two system components in PoE - the PSE (Power Sourcing Equipment) and the PD (Powered Device) The IEEE 802.3af/at specification defines PSE as a device that inserts power onto an Ethernet cable. The PSE may be located at the switch (Endspan configuration) or It may be a separate device located between the switch and the PD (Midspan configuration). The PD is the natural termination of this link, receiving the power, and could be an IP phone. a WLAN access point, or any other IP device that requires power, The current IS transmitted over two of the four twisted pairs of wires in a Category-5 cable.

Power-over-Ethernet follows the IEEE 802.3at/at specification and is completely compatible With existing Ethernet switches and networked devices. Because the Power Sourcing Equipment (PSE) tests whether a networked device IS PoE-capable, power is never transmitted unless a Powered Device is at the other end of the cable. It also continues to monitor the channel If the Powered Device does nol draw a minimum current. because it has been unplugged or physically turned off, the PSE shuts down the power to that port Optionally, the standard permits Powered Devices to signal th the PSEs exactly how much power they need.

The PoE switch is a multi-port fast ethernet switch that can be used to build high-performance switched workgroup networks. This switch is a store-and-forward device that offers low latency for high-speed networking. It also features a 'store-and-forward" switching scheme that allows the switch to auto-learn and store source addresses In a BK-entry MAC address table The switch is targeted at workgroup, department or backbone computing environments.

SPECIFICATIONS

Standard	IEEE 802.3 10Base-T Ethernet
Compliance	IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3x Flow Control IEEE 802.3af/at Power over Ethernet
Transfer Rate	14,880 pps for 10Mbps 148,800 pps for 100Mbps
Connector	10/100TX: 16 × RJ-45 with auto MDI/MDI-X funtions; Port 1~16 support PoE injector function
PoE pin assignment	V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)
MAC Address	8K MAC address table
Switching capacity	4.8G
LED Indicator	Per port: Link/Activity Per PoE port: PoE Per unit: Power
Network Cable	2-pair UTP Cat. 5e cable (100m), EIA/TIA-568 100-ohm STP (100M)
Dimen sion	440mm × 200mm × 44mm (W × D × H)
Ventilation	Built-in Noiseless FAN
Operating Temp	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 90% (Non-condensing)
Power Supply	Built-in power supply Input: AC 100-240V, 50/60Hz
Power Consumption	250 Watt
EMI	FCC Class B, CE

Accessories