Model   **:** ATZ POE-SW16PL
Description : 16-Port 10/100M PoE Unmanaged Switch with 2*10/100/1000M
                       uplink RJ45 ports, support IEEE 802.3af/at, 30W/port. (Max:250W)

ATZ POE-SW16PL is an unmanaged PoE switch. It has 16*10/100M PoE ports and 2*10/100/1000M uplink RJ45 ports . Port 1-16 can support IEEE 802.3af/at standard PoE power supply, and single port PoE power reaches 30W. The maximum PoE output power is 250W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable,

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and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.

Features:

10/100Mbps access , gigabit uplink

- All series supports "10/100M RJ45 port and 10/100/1000M RJ45 port" combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- Support non-blocking wire speed forwarding
- Support full duplex based on IEEE802.3x and half duplex based on Backpressure

Smart PoE power supply function

- 16*10/100Base-TX RJ45 ports support PoE power supply, which meets the requirements of PoE power supply in various scenarios in the security field.
- Comply with IEEE 802.3af /at PoE power supply standard, automatically identify PoE devices for power supply without damaging non-PoE devices. The maximum PoE output power is 250W, and the maximum PoE output power of a single port is 30W.
- The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

Innovative function

- Long distance switch: When opening, the speed of 9-16 port is reduced to 10M. With the existing twisted pair cable, the transmission limit of the twisted pair can be broken. The transmission distance can reach 250 meters; on the other hand, It can solve the problem of poor transmission caused by line aging.

The equipment is stable and reliable，easy to operate

- The host has low power consumption, fanless mute design, aluminum alloy metal shell, and excellent heat dissipation to ensure stable operation of the product.
- Self-developed power supply, high redundancy design, provides long-term stable PoE power output.

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- The equipment fully meets the safety requirements of CCC,CE, FCC, and RoHS and is safe and reliable to use.
- User can easily understand the working status of the device through the power indicator (PWR), port status indicator, and PoE operation indicator.
- Plug and play, no configuration, simple and convenient.
- Support desktop and 1U/19 inch cabinet installation

Specifications:

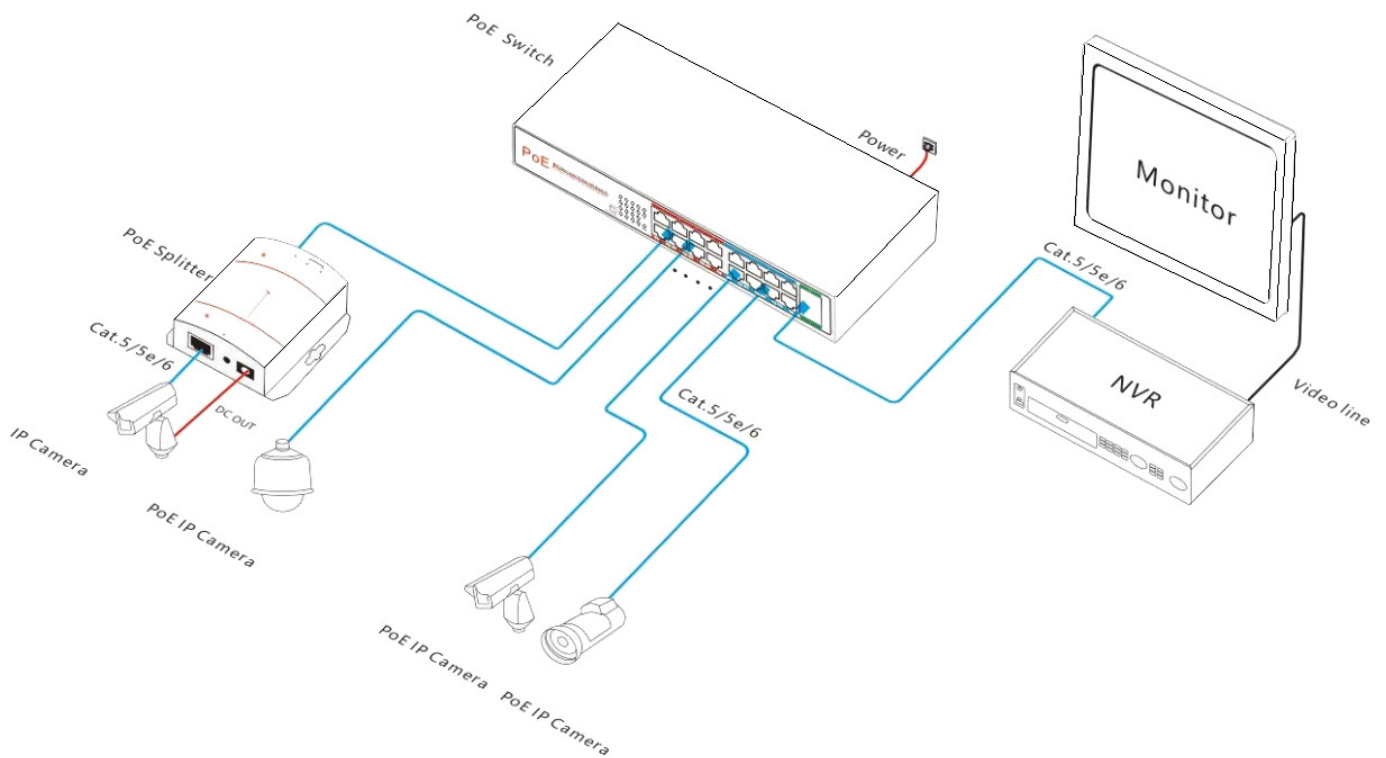|	
Interface	16*10/100Base-TX PoE ports (Data/Power) 2*10/100/1000Base-T Uplink RJ45 ports (Data)
POE Port	Port 1-16 support PoE @ IEEE802.3af/a
Functional Switch	After opening, port 9-16 support 10M/250 meters long distance transmission ***Note:** When the switch status changes, the PoE switch must be restarted for the switch function to take effect.
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3x
PoE Standard	IEEE802.3af/at
Ethernet Port Feature	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
Fiber Port Feature	Store and Forward(Full Wire Speed)
Forwarding Mode	14.8Gbps(non-blocking)
Forwarding Rate@64byte	5.36Mpps
MAC	16K
Buffer Memory	4M
Jumbo frames	10K
Twisted Pair Transmission	10BASE-T:Cat5 UTP(≤250 meter) 100BASE-TX:Cat5 or later UTP(≤100 meter) 100BASE-T:Cat5e or later UTP(≤100 meter)
Power Supply Pin	Default 1/2(+), 3/6(-); Optional 4/5(+), 7/8(-)

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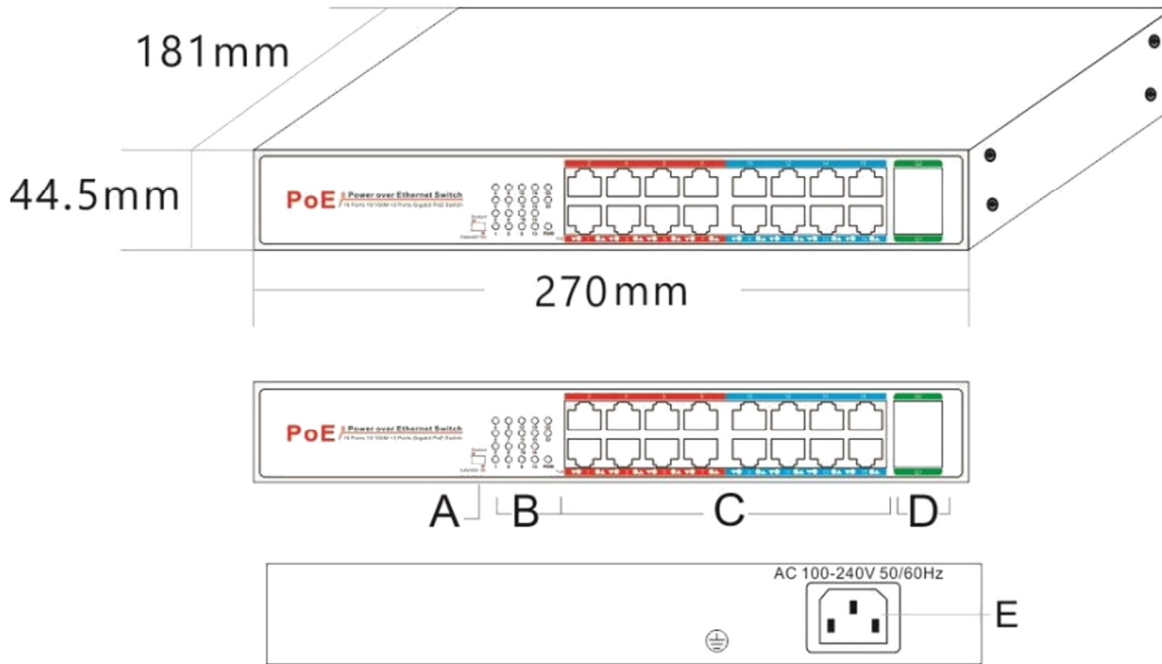|	
MAX / AVERAGE Power Per Port	30W/15.4W
Total PWR / Input Voltage	250W (100-240V)
Power Consumption	Standby:<15W;Full load:<240W
LED Indicator	Power indicator: PWR (green); Network indicator: 1-16(24)/G1-2 (green); POE indicator: PoE (green)
Power Supply	Built in switching power supply, AC100~240V 50-60Hz 4.1A
Operation TEMP/ Humidity	-20~+55°C:5%~90% RH non condensing
Storage TEMP/ Humidity	-40~+75°C;5%~95% RH non condensing
Dimension	270*171*44.5mm
Net /Gross Weight	<1.7kg / <2.2kg
Installation Method	desktop type ,wall mounted,19 inch 1U cabinet installation
Port lightning protection / protection level	Port lightning protection : 4KV 8/20us; Protection level: IP30
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS

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Product Diagram:

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A. Multi-functional Switch   B. Working LED Indicator
C. 16*PoE Ports   D. 2*10/100/1000M Uplink RJ45 Ports
E. Power Input Port - AC100-240V, 50/60HZ

Package contents:

1x 18-port Gigabit Uplink PoE switch
1x AC Power Cable
1 set Mounting Kits (Hanging Ear)
1x User Guide

Warranty: 3 Years

Warranty is effective from the date of original delivery.
This warranty shall be void if a serial number has been removed from the product.