

28 Port Gigabit Ethernet POE Switch



OVERVIEW

It has 24*10/100/1000M RJ45 ports and 2*1000M uplink 2*1000M SFP slot ports. Port 1-24 can support IEEE802.3af/at PoE standard. Single-port PoE power reaches 30W, and the max PoE output power is 380W. 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, 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.

FEATURE

Full gigabit access, gigabit SFP port uplink

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ Support gigabit Ethernet port and gigabit SFP fiber port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

Intelligent PoE power supply

- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- ◇ 24*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

Stable and reliable

- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, galvanized steel casing. The Fan active cooling.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

TECHNICAL SPECIFICATION

Model	ATD-P2422G
Interface Characteristics	
Fixed Port	2*1000Base-X uplink SFP ports (Data) 24*10/100/1000Base-T PoE ports (Data / Power)
Ethernet Port	10/100/1000Base-T(X) auto-sensing, Full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)
SFP Slot Port	Gigabit SFP optical fiber interface, default no include optical modules (optional single-mode / multi-mode, single fiber / dual fiber optical module.LC)

Optical Cable/ Distance	Multi-mode: 850nm/ 0-500M, Single-mode:1310nm/0-40KM, 1550nm/ 0-120KM.
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX/ FXIEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	52Gbps
Forwarding Rate@64byte	38.69Mpps
MAC	8K
Buffer Memory	4M
Jumbo Frame	9.6K
LED Indicator	Power: PWR (green), network: 1-24/G1-2 (green), PoE: PoE (green)
Reset Switch	Yes, One-button factory reset
PoE & Power Supply	
PoE Port	Port 1 to 24, IEEE802.3af/at
Power Supply Pin	Default 1/2 (+) 3/6 (-)
Max Power PerPort	30W, IEEE802.3af/at
Total PWR / InputVoltage	380W (AC100-240V)
Power Consumption	Standby: 25W, Full load:380W
Power Supply	Built-in power supply, AC 100~240V 50-60Hz 5.0A
Physical Parameter	

Operation TEMP /Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	440*225*44mm
Net /Gross Weight	<3.5kg / <4.0kg
Installation	Desktop, 19 inch 1U cabinet
Certification & Warranty	
Lightnin g Protecti on	Lightning protection: 4KV 8/20us; Protection level: IP30
Warranty	1 years, lifelong maintenance.