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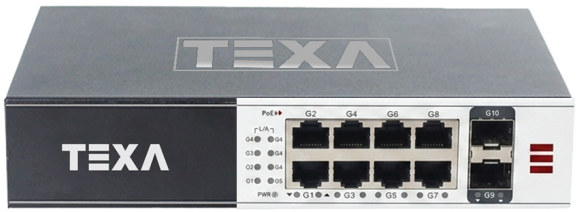
10-port Gigabit PoE Switch

(TN310PGPOE)

120W/(AC100-240V)



OVERVIEW

The TN310PGPOE is a gigabit PoE fiber switch. It has 8*10/100/1000Base-T PoE ports and 2*1000Base-X uplink SFP fiber ports. Port 1-8 can support IEEE 802.3 af/at PoE standard and single-port PoE power up to 30W. 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, IP camera, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy efficient network. Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

Gigabit access

- Support IEEE 802.3x full-duplex flow control and Backpressure.
- Support non-blocking wire-speed forwarding for Smoother transmission.
- Provides Gigabit RJ45 port and SFP port uplink for flexible networking and meets the networking requirements of various scenarios..

Smart PoE power supply

- Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- The PoE port supports the priority mechanism. When the remaining power is insufficient, the power of the high-priority port is given priority to avoid overloading of the device.
- 8*10/100/1000Base-T RJ45 ports support PoE power, meeting the PoE power requirements of security monitoring, teleconferencing systems, wireless coverage and other scenarios.

Stable and reliable

- CCC, CE, FCC, RoHS.
- The user-friendly panel can show the device status through the LED indicator of PWR, Link, and PoE.
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- Low power consumption, metal housing, and excellent heat dissipation to ensure stable operation of the switch.

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TECHNICAL SPECIFICATION

Model	H3108PF	H3108PFS
Interface Characteristics		
Fixed Port	2*1000Base-X uplink SFP fiber ports (Data) 8*10/100/1000Base-T PoE ports (Data/Power)	
Ethernet Port	Port 1-8 support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T: Cat3, 4, 5 UTP (≤100 meters) 100BASE-TX: Cat5 or later UTP (≤100 meters) 1000BASE-T: Cat5e or later UTP (≤100 meters)	
Optical Fiber Port	Optical fiber port, default no include optical module (optional single-mode/ multi-mode, single fiber/ dual fiber optical module. LC)	
Optical Cable/	Multi-mode: 850nm/ 0-550m, Single-mode: 1310nm/ 0-40km, 1550nm/	
Distance	0-120km	
Chip Parameter		
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X, IEEE 802.3x	
Forwarding Mode	Store and Forward (Full Wire Speed)	
Switching Capacity	20Gbps (non-blocking)	
Forwarding Rate @64byte	14.88Mpps	
MAC	2K	
Buffer Memory	2M	

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Jumbo Frame	9.2k	
LED Indicator	Power: PWR (Green), Network: Link (Green), PoE: PoE (Green)	
PoE & Power Supply		
PoE Port	Port 1 to 8	
Power Supply Pin	1/2(+) 3/6(-)	
Max Power Per Port	30W, IEEE 802.3 af/at	30W, PoE+
Total PWR / Input Voltage	120W/ (AC100-240V)	100W/ (AC100-240V)
Power Consumption	Standby <6W, Full load <120W	Standby <6W, Full load <100W
Power Supply	Built-in power supply, AC100~240V 50-60Hz, 2.0A	Built-in power supply, AC100~240V 50-60Hz, 2.0A
Physical Parameter		
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing	
Storage TEMP/ Humidity	-40°C~+85°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	195*130*40mm	
Net /Gross Weight	0.75kg / 1.0kg	
Installation	Desktop, Wall mount	
Certification & Warranty		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	
Warranty	1 year, lifelong maintenance.	

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