

28- port Gigabit Easy Managed PoE Switch (TN3M28PGPOE+SW) 400W/ (AC 100-240V)



OVERVIEW

The TN3M28PGPOE+SW is a Gigabit Easy managed PoE switch. It has 24*10/100/1000Base-T adaptive RJ45 ports and 4*10/100/1000Base-T uplink RJ45 and 4*1000Base-X uplink SFP fiber combo ports. Port 1-24 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 identify powered devices that meet standards and power them through network cables. It can supply power to PoE terminal equipment such as wireless AP, IP camera, Internet phone, video door intercom, etc. through a network cable to meet the network environment that requires a high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories, small and medium-sized enterprises, and cost effective networking.

The TN3M28PGPOE+SW support Web management and NMS management platform and cloud management APP management to realize security network storm control, port management, VLAN configuration, remote operation and maintenance, and other functions. It has high reliability, is easy to install and maintain, has fast switching functions, and multiple access ports, and is suitable for accessing LAN devices of various sizes.

FEATURE

Gigabit Access, uplink RJ45/SFP Combo Port

- Support non blocking wire speed forwarding.
- Support full duplex based on IEEE 802.3x and half duplex based on Backpressure.
- Support Gigabit RJ45 port and Gigabit RJ45/SFP combo port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

Smart PoE Power Supply

- Remote PoE management function, automatically identify PoE devices for power supply, and not damage non- PoE devices.
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- 24*10/100/1000Base- T RJ45 ports can support PoE power to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

Extreme Optimization, Minimalist Application

- Real-time fault alarm and fault location.
- Remote upgrade, remote restart, and factory reset.
- Local platform, cloud platform, and mobile APP operation and maintenance management.

- Visual network topology management, VLAN division, PoE control, port control, and switching
- Practical network management functions are retained according to industry application requirements, and network deployment and centralized operation and maintenance can be quickly realized through the operation and maintenance platform
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Extreme Optimization, Minimalist Application

- Switch **E** to the ON position, and port 16 24 support 10M/250 meters transmission.
- Switch **W** to the ON position, turn on the network management function, enter the network management interface, and configure the required functions of the switch. After this function is turned on, all other dialing functions will be invalid and must be configured separately through management.

TECHNICAL SPECIFICATION

Model	TN3M28PGPOE+SW	TN3M28PGPOE+SW-at
Interface Characteristics		
Fixed Port	24*10/100/1000Base-T PoE ports (Data/ Power) 4*10/100/1000Base-T uplink RJ45 ports (Data) 4*1000Base-X uplink SFP fiber cmobo ports (Data) 1SFP+ uplinks.	
Ethernet Port	Port 1-24 can 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: Cate or later UTP (≤100 meters)	
Optical Fiber Port	Gigabit optical fiber interface, default no included optical module (optional single-mode/ multi-mode, single fiber/ dual fiber optical module. LC)	

Optical Cable/ Distance	Multi-mode: 850nm/ 0-550m, Single-mode: 1310nm/ 0-40km, 1550nm/ 0-120km.
Chip Parameter	
Network Management Type	L2 (Web management, platform management), Range of Possible VLAN IDs: 1-4094. Port-based VLAN, MAC_, Based VLAN, Voice VLAN. Layer 2, Protocol Tunneling (L2PT).
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	56Gbps (Non-blocking)
Forwarding Rate @64byte	41.66Mpps
MAC	8K Sticky MAC (persistent MAC address learning).
Buffer Memory	4M
Jumbo Frame	10K VLAN supported: 4093
LED Indicator	Power: PWR (Green), System: SYS (Green), Network: Link (Green), PoE: PoE (Red), Fiber port: L/A (Green)
Reset Switch	Press and hold Reset for 10 seconds and then release to restore factory default settings.
PoE & Power Supply	
PoE Port	Port 1-24

PoE Management	Remote on/off of PoE ports, port power, and real-time status viewing	
Power Supply Pin	1/2(+) 3/6 (-)	
Max Power Per Port	30W, IEEE 802.3 af/at	
Total PWR/ Input Voltage	400W/ (AC100-240V)	600W/ (AC100-240V)
Power Consumption	Standby<16W, Full Load<400W	Standby<16W, Full Load<600W
Power Supply	Built-in power supply, AC100~240V 50-60Hz, 5.0A	Built-in power supply, AC100~240V 50-60Hz, 6.6A
Physical Parameter		
Operation Temp/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing	
Storage Temp/ Humidity	-40°C~+75°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	440*270*44mm	
Net /Gross Weight	2.9kg/3.7kg	3.5kg/4.3kg
Installation	Desktop, Wall mount, 1U/19" cabinet	
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 MVRP, PVST+, 1.PoE+, IEEE 802.3ad: Link Aggregation Control Protocol (LACP).	
Warranty	3 years, lifelong maintenance.	