



TNSS – 2400P

The Titan Network 24 Port PoE+ Gigabit Managed Switch (TNSS-2400P) is an excellent choice for expanding your network when using PoE-enabled devices such as VoIP, IP cameras and APs. The switch includes 24 PoE+ ports, with a total of 370 Watts of power available. It also features 4 Gigabit SFP Combo ports for easy network expansion. The TNSS-2400P helps optimize your network with simple-to-use management, VLAN and security capabilities to ensure optimal benefit for a home or office network.

Product Features

- Built-in switching power adapter and designed with 1U steel case
- Dimension = 440*284*44mm (L*W*H) Weight = 5kg
- 19-inch-rack-construction Switching bandwidth up to 56Gbps and each port forwarding rate up to 1488095pps
- Support 8K MAC address list
- Support jumbo frame forwarding
- Support formation of broadcast storm
- Support QoS and DSCP, Cos(802.1P) priority, each port provides 4 priorities for forwarding queue
- Support 802.1Q VLAN and maximum groups of QVLAN up to 200
- Support IGMP snooping function
- Support 802.1x authentication based on port
- Support Telnet, CLI, Web and SNMP, system log, TFTP&HTTP for upgrading firmware
- Support STP, RSTP, IGMP Snooping V1&V2, full-duplex 802.3x flow control and half-duplex backpressure flow control
- Support spanning tree protocol(STP), including 802.1d(Spanning Tree) and 802.1w(Rapid Spanning Tree) protocol
- Support Link Aggregation, including static Link Aggregation and LACP. Support 6 Trunk groups and 8 aggregate ports per group
- Support defending from ARP attacks, worm-virus attacks, Dos attacks, MAC-address attacks Support quaternary-smart-binding, searching mainframe for smart binding.
- Support smart configuration for network bar and enterprise.
- Support firmware-upgrading ways of TFTP in CLI and HTTP in Web.

Standards and protocols supported

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3ab
- IEEE 802.3x
- IEEE 802.1D
- IEEE 802.3af
- IEEE 802.3at

Hardware Specifications

Backplane bandwidth = 56Gbps

PoE Specifications = Providing 24 port under 802.3af(15.4W) or 12 ports under 802.3at(30W)

Power consumption = 450Watts

PoE available power – 370watts

Operating temperature = 0 0C ~45 0C

Storage temperature = -40 0C ~70 0C

Relative humidity(Operational) = 10% ~95% (noncondensing)

Relative humidity(Storage) = 10% ~95% (noncondensing)

Software / Firmware Features

Support LACP

Support manual link aggregation

PoE management Support setup of PoE and power adjustable by priorit
 Support over temperature protection for PoE module
 Support graphical management, detection of PD equipment and setting of power consumption

VLAN Support Voice VLAN, VLAN Mapping, VLAN VPN (QinQ)
 Support VLAN(4K) based on ports and stardand

DHCP Support DHCP Snooping、 DHCP Relay/Client/Server
 Support DHCP Snooping Option82/DHCP Relay Opt

Support QoS Support message transmission for ports and limitation of speed
 Support redirect message and CAR
 Support SP&WRR
 Support remark for 802.1p/DSCP priority
 Support management for QoS Profile

Security Service Support management for user classification and password protection
 Support IEEE 802.1X authentication
 Support centralized MAC address authentication
 Support intrusion detection of ARP and protection of IP source address
 Support SSH2.0 and port isolation

Management Downloading and upgrading through XModem/FTP/ TFTP
and Support configuration through CLI, Telnet, Console port
maintenance Support SNMP v1/v2/v3 and WEB-based management
Support Support RMON(Remote Monitoring)
 Support remote maintenance through telnet
 Support VCT, DLDP, loopback detection