



## TNDS – 9000P

The **TNDS-9000P** is a 9-Port Gigabit Desktop Switch with 8-Ports of PoE, and a total of 9 GE Base-T Ethernet ports. Ports 1 – 8 supports IEEE 802.3af PoE (15.4W) or 802.3at PoE, (30 watt) through conventional Cat 5e twisted pair cable. Power can be transmitted along with data, for Access Points, IP Cameras, and IP telephones. Plus the TNDS-9000P has been designed with superior performance such as, Dynamic PoE power, a low power consumption, and a fan-less chassis.

### Product Features

#### Interface:

- 9 Gigabit ethernet ports
- 8 Dynamic PoE ports
- 9<sup>th</sup> uplink port for lightning protection  $\geq 4KV$

#### PoE:

- Complies with IEEE 802.3af/at Power over Ethernet End-Span PSE
- Up to 8 IEEE 802.3af/4 IEEE 802.3at devices powered
- Supports PoE Power up to 30 watts for PoE ports
- Auto detects powered device (PD)
- Circuit protection prevents power interference between ports
- Adopts category 5e cable, power supply and transfer distance up to 150m

#### Switching:

- Hardware based 10/100/1000 Mbps Auto-negotiation and Auto MDI / MDI-X
- Flow control for Full Duplex operation and back pressure for Half Duplex operation
- Integrates address look-up engine, support 4K absolute MAC addresses
- Automatic address learning and address aging

#### Hardware:

- 235mm\*103mm\*27mm, Magnet adsorption or wall-mounting design
- LED indicators for POE ready and PoE activity

## Product Specifications

<b>Protocols and Standards</b>		IEEE 802.3、 IEEE 802.3u、 IEEE 802.3z、 IEEE802.3ab、 IEEE 802.3x、 IEEE 802.3af、 IEEE 802.3at
<b>Mean Time Between Failures</b>		≥100 thousand hours
<b>LEDs</b>		9*Link/Act LEDs , 8*PoE LEDs, 1*Power LED , 1*PoE Max LED
<b>Ports</b>	<b>Fixed Ports</b>	8*10/100/1000Base-TX Ethernet ports (Data/Power) 1*10/100/1000Base-TX uplink Ethernet port
<b>Performance</b>	<b>Store-forward</b>	Support
	<b>Switching Bandwidth</b>	18 Gbps
	<b>MAC Address Table Capacity</b>	4K
<b>Power Source</b>	<b>PoE Power</b>	Ports 1~8 support IEEE802.3af (15.4W) PoE supply,and IEEE 802.3at (30W) PoE supply which can be only connected to 4 of 8 PoE ports atone time. It adopts two pairs of wires (pins 1 and 2; pins 3 and 6) to PoEsupply.
	<b>Input Power</b>	DC: 51V~2.5A
<b>Dimensions (L*W*H)</b>		235mm*103mm*27mm
<b>Power Consumption</b>		Full Load Consumption: ≤127.5W
<b>Operating Environment</b>		Operating Temperature: 0℃~40℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10%~90% RH noncondensing