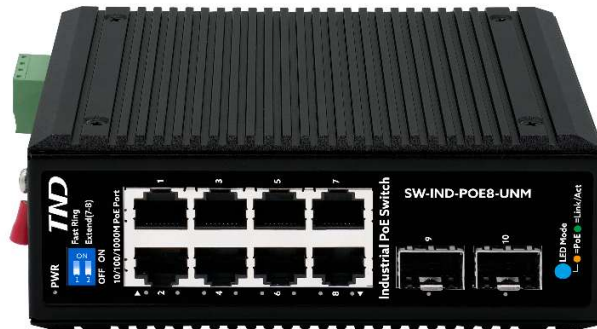# SW-IND-POE8-UNM

**TND**

# 10-Port Gigabit Industrial PoE Switch

## Product Highlights

- 8*1Gbps PoE ports+2*1Gbps SFP ports

- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z/ab

- Support IEEE802.3af (15.4W) and IEEE802.3at (30W)

- IP40 protection level, high-strength aluminum shell, DIN35 rail installation

- Industrial grade 4-level design, operating temperature from -40~75°C

- Support redundant power supply connection and anti reverse connection

- Port 1 supports HiPoE 60W

- Port Surge: Common mode 6KV, Differential mode 2KV (Class C)

- Electrostatic ESD: Air 15KV, Contact 8KV (Class C)

# Hardware Features

| Description | Specification |
|---|---|
| Model | SW-IND-POE8-UNM |
| Interface | 8*1Gbps PoE ports<br>2*1Gbps SFP ports |
| Port Standard | IEEE802.3 (Ethernet)<br>IEEE802.3u (Fast Ethernet)<br>IEEE 802.3ab (Gigabit Ethernet)<br>IEEE 802.3z (Gigabit Ethernet Fiber Standard)<br>IEEE802.3x (Flow Control) |
| Switching Bandwidth | 20Gbps |
| Packet Forwarding Rate | 14.88Mpps |
| Packet Buffer | 4Mbit |
| MAC Address Table | 8K |
| Jumbo Frame | 10Kbytes |
| VLAN | VLAN range 1-4094, maximum active VLAN is 4K |
| Transmission Method | Store and Forward |
| PoE Standard | IEEE802.3af (15.4W)<br>IEEE802.3at (30W) |
| PoE Port Output Voltage | DC 48-55V |
| PoE Ports | Ports 2-8 PoE power output <30W<br>Port 1 supports HiPoE 60W |
| PoE Power Budget | 200W@60°C;120W@75°C |
| Power Supply | DC12~55V<br>DC48~55V (PoE)<br>Power wiring: 4 PIN industrial terminals (redundant V1+V1-, V2+V2-)+DC2.1 |

# Hardware Features

| Description | Specification |
|---|---|
| Mainboard Power Consumption | 9.8W |
| Structure Information | Product Dimensions: 138*108*51mm<br>Packaging Dimensions: 245*190*70mm<br>Product Net Weight: 0.71KG<br>Product Gross Weight: 0.92KG |
| Packing Information | Carton Dimensions: 520*380*400mm<br>Packing Quantity: 20PCS<br>Packing Weight: 19.4KG |
| Package Contents | Switch 1pcs, Manual 1pcs, Certificate of Inspection 1pcs |
| Fan Quantity | 0 |
| Certification | CE, FCC, RoHS |
| Installation | Desktop, Wall mounting installation, Rail installation |
| Surge Protection | Port Surge: Common mode 6KV, Differential mode 2KV (Class C)<br>Electrostatic ESD: Air 15KV, Contact 8KV (Class C) |
| Operating Temperature | -40~75°C |
| Storage Temperature | -40~85°C |
| Operation Humidity | 10%~90%, non condensing |
| Storage Humidity | 5%~95%, non condensing |
| PWR Green LED | On: Powered on<br>Off: Powered off |
| Ports 1-8 Green LED | On: 10/100/1000Mbps Link normal<br>Off: Link blocked<br>Fast Flashing: Data transmitting |
| PoE Yellow LED | On: PoE powered on<br>Off: PoE powered off |
| Ports G9-G10 Green LED | On: 1Gbps Link normal<br>Off: Link blocked<br>Flashing: Data transmitting |
| LED Mode Button | Dual color LED selection: default green (link data), switch yellow LED(PoE) |
| Button | Fast Ring: Fast Ring on<br>Extend：Extend mode, ports 7-8 force 10Mbps to extend the transmission distance to 250meters, and automatically activate the PoE watchdog mode |

# Product Structure Diagram



138mm

51mm

51mm

108mm

■ DC 12-55V
■ DC 48-55V(PoE)

PWR1   V1-
  V1+
PWR2   V2-
  V2+

PWR3

Max 2.5A

51mm

108mm

138mm

51mm

Industrial PoE Switch

Fast Ring
Extend(7-8)

ON
OFF ON

PWR

10/100/1000M PoE Port

1   3   5   7

2   4   6   8

9   10

LED Mode
PoE  Link/Act