Unmanaged Industrial Switch

XPTN-9000-45-1GX4GP
XPTN-9000-45-1GX4GT

Features & Benefits

- Input Voltage: DC12~58V for Non-PoE, DC48~58V for PoE
- Operating Temperature: -40℃~75℃
- Shell: IP40 protection
- Fanless design, low power consumption
- ESD: contact 8KV, air 15KV
- MTBF: 100,000 hours



| Product Introduction

The XPTN-9000 45 Series is specially designed for harsh industrial environments, which provides economic solutions for industrial Ethernet networking. Support wide working temperature –40 ℃~75℃.

Redundant DC power supply, adopts rugged aluminum alloy housing, and passed high level tests of EMI/EMC. It also has gone through the strict aging test, meeting the requirements of transportation industry.

| Technical Reference

- IEEE 802.3 CSMA/CD method
- IEEE 802.3 af PoE
- IEEE 802.3 at PoE+
- IEEE 802.3x Flow Control
- IEEE 802 Networks
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-X
- IEEE 802.3u 100Base-FX
- IEEE 802.3z Gigabit SX/LX
- IEEE 802.3ab Gigabit 1000T

| EMC & Protection

- IP Class: IP40
- Surge of Power: IEC 61000-4-5 Level 3（4KV/2KV（1.2/50us）
- Surge of Ethernet Port: IEC 61000-4-5 Level 3（4KV/2KV)（10/700us）
- ESD: IEC 61000-4-2 Level 4 (8K/15K）
- Free Fall: 0.5m

| Hardware Specifications

Model	XPTN-9000-45-1GX4GT	XPTN-9000-45-1GX4GP
Interface	1*1000 Base-FX + 4*10/100/1000 Base-TX	
Switching Capacity	12Gbps	
Packets Forwarding Rate	8.92Mpps	
MAC Table	2K	
Packet Buffer	1M	
Forwarding Delay	<5us	
Power Supply	Phoenix terminal, DC redundant input	
	Input Voltage: DC12-58V	Input Voltage: DC48-58V
	Empty Load Power: <5W	
LED Indicators	PWR, Link/ACT	
PoE	\	1-4 ports support PoE
		PoE budget: 120W
		IEEE802.3 af/at standard
		PIN Sequence: 1,2+/3,6-
Environment	Working Temperature: –40 ℃ ~ 75℃ Storage Temperature: –40 ℃ ~ 85℃ Working Humidity: 5%~95% non-condensing Storage Humidity: 5%~95% non-condensing	
DIP Specification	• QoS • Storm Control • Port Isolation • Flow Control	• PoE Watchdog • 250m Extend • Port Isolation • Flow Control

Model	XPTN-9000-45-1GX4GT	XPTN-9000-45-1GX4GP
SIZE(W*D*H)	118*91*31mm	
Weight	0.4KG	0.42KG
Installation Method	Din Rail	
Certificate Compliance	CE/FCC/RoHS	
MTBF	100,000 hours	

Product Dimension

