

Unmanaged Industrial Switch

Features & Benefits

- Input Voltage: DC12~58V for Non-PoE, DC48~58V for PoE
- Operating Temperature: -40°C~85°C
- Shell: IP40 protection
- Fanless design, low power consumption
- ESD: contact 8KV, air 15KV
- MTBF: 100,000 hours

XPTN-9000-65-1GX4GP XPTN-9000-65-1GX4GT



| Product Introduction

The XPTN-9000 65 Series is specially designed for harsh industrial environments, which provides economic solutions for industrial Ethernet networking. Support wide working temperature -40°C~85°C.

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 X (6KV/4KV) (1.2/ 50us)
- Surge of Ethernet Port: IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us)
- RS: IEC 61000-4-3 Level 3 (10V/m)
- EFI: IEC 61000-4-4 Level 3 (1V/2V)
- CS: IEC 61000-4-6 Level 3 (10V/m)
- PFMF: IEC 61000-4-8 Level 4 (30A/m)
- DIP: IEC 61000-4-11 Level 3 (10V)
- ESD: IEC 61000-4-2 Level 4 (8K/15K)
- Free Fall: 0.5m

| Hardware Specifications

Model	XPTN-9000-65-1GX4GT	XPTN-9000-65-1GX4GP
Interface	1*1000M SFP ports + 4*10/100/1000M RJ45 ports	
Switching Capacity	14Gbps	
Packets Forwarding Rate	10.41Mpps	
MAC Table	8K	
Packet Buffer	1M	
Forwarding Delay	<5us	
Power Supply	Phoenix terminal, DC redundant input	
	Input Voltage: DC12-58V	Input Voltage: DC48-58V
	Empty Load Power: <6W	
LED Indicators	PWR,OPT,NMC,ALM	
PoE	—	1-4 ports support PoE
		PoE budget: 126W
		IEEE802.3 af/at standard
		PIN Sequence: 1,2+/3,6-
Environment	Working Temperature: -40°C ~ 85°C	
	Storage Temperature: -40°C ~ 85°C	
	Working Humidity: 5%~95% non-condensing	
	Storage Humidity: 5%~95% non-condensing	

DIP Specification	Port Isolation	PoE Watchdog
	VLAN	250m Extend
	QoS	Port Isolation
	Flow Control	VIP power supply & QoS
SIZE(W*D*H)	143*104*51.5mm	
Weight	0.71KG	0.73KG
Installation Method	Din Rail	
Certificate Compliance	CE/FCC/RoHS	
MTBF	100,000 hours	

| Product Dimension

