

# XPTN-9000-87-4GX8GP-VX

## MAIN FEATURES



**4\*1000 Base-X, 8\*10/100/1000Base-T  
L2+ Managed Industrial Switches**

**Input Voltage:** DC12-58V(Non-poe), DC48-58(PoE)

**Operating Temperature:** -40°C~ +75°C

**Shell:** IP50 protection, fanless design

**Test Report:** CCC, RoHS, FCC, CE

**Anti-static:** 8KV-15KV

**MTBF:** 100000 Hours

## PRODUCT DESCRIPTION

The device is 4\*1000 Base-X, 8\*10/100/1000Base-T L2+ Managed Industrial Ethernet switch, through the fanless cooling circuit design, wide range working environment temperature, high protection level and other technologies, provide high / low temperature, lightning protection and other outstanding industrial quality, and integrated switching, safety and various rich protocols, simultaneously supported The public Ethernet multi ring protection technology (ERPS) has greatly enhanced the flexibility of the network and enhanced the reliability and security of the industrial network. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

## PRODUCT PARAMETERS

**Scodena**

<b>Provider Mode Ports</b>	
Fixed port	4*1000 Base-X, 8*10/100/1000 Base-T
Management Port	Support console
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, Link/ACT LED
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode (optical) fiber	550m
<b>Network Topology</b>	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	DC12-58V(Non-PoE), DC48-58V(PoE)
Total Power consumption	Non-PoE: < 10W PoE: < 250W
<b>PoE</b>	
PoE port	1 ~ 8
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2+ 3,6-
PoE Management	Support
<b>Layer 2 Switching</b>	
Switching capacity	36G

Packet forwarding rate	26.78Mpps
MAC address table	16K
VLAN	Support 4K
Buffer	12M
Forwarding delay	<10us
MDX/MDIX	Support
Flow control	Support
Jumbo Frame	Support 10Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
Rmon	Support
NTP client	Support
DHCP client	Support
DHCP snooping	Support
PING/TRACEROUT	Support
Port-security	Support
Dying gasp	Support
DDM	Support
Port security	Support
IP Source Guard	Support
Device Scan	Support
<b>Layer 3 Router</b>	
Static Routes	Support 256 static routes
ARP	Support
DHCP server	Support
<b>Convergence</b>	
ACL	Support ACL 240

	Support IP standard ACL/ACLv6 Support MAC expand ACL/ACLv6 Support IP expand ACL/ACLv6
QOS	Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support egress rate-limited, egress rate-limit Support Policy-based QoS
Ddos Attack	Support
<b>Management</b>	
CLI	Support
Console	Support
Telnet/SSH	Support
WEB management	Support
Management IP	Support IPv4/IPv6
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support
<b>Environment</b>	
Operating temperature	-40°C~+75°C
Storage temperature	-40°C~+85°C
Relative humidity	5%~95% (non-condensing)
Thermal methods	Fanless design
MTBF	100,000 hours
<b>Mechanical Dimensions</b>	
Product size	143X104X65mm
Installation Method	DIN-rail
Weight	0.85KG
<b>EMC &amp; Ingress protection</b>	

IP Level	IP50
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV) (8/20us)
Surge protection 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
<b>Authentication</b>	
Authentication	CCC/CE/FCC/RoHS
<b>Accessories</b>	
Accessories	Terminals, Specification, Certificate, Adapter (Optional)
<b>Optional Model</b>	
XPTN-9000-87-4GX8GT-VX	4*1000 Mbps SFP Port, 8*10/100/1000Mbps RJ45

## SIZE AND APPEARANCE

