## XPTN-9000-75-4GH8GP-V

### **MAIN FEATURES**



# 4\*2.5G Base-X, 8\*10/100/1000Base-T Managed Industrial Ethernet Switches

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

Operating Temperature: -40°C ~ +75°C

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hours

#### PRODUCT DESCRIPTION

The equipment is 4\*2.5G Base-X, 8\*10/100/1000 Base-T PoE Managed Industrial Ethernet fast 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.

#### **RRODUCT PARAMETERS**

Provider Mode Ports	
Fixed port	4*2.5G Base-X , 8*10/100/1000 Base-T
Management Port	Support Console
Power interface	Phoenix terminal, dual power input
LED Indicators	PWR , Link/ACT LED
Cable Type & Transmission Dis	stance
Twisted-pair	0-100m ( CAT5e,CAT6 )
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550m
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support

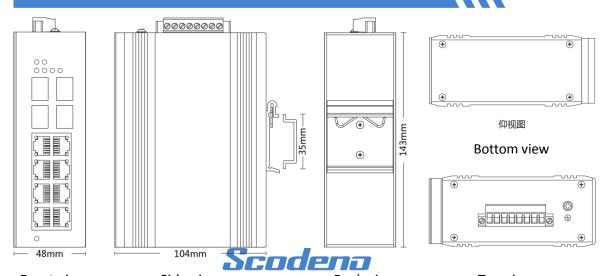


Electrical Specifications		
Input voltage	DC12~58V(Non-PoE), DC48~58V(PoE)	
Total Power consumption	<10W (Non-PoE), <250W (PoE)	
Total Fower Consumption	1000 (NOIT-FOL), 23000 (FOL)	
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PoE Support		
PoE port	1-8	
PoE Protocol	802.3af , 802.3at	
Pin Assignment	1,2,3,6	
PoE Management	Support	
Lancard Control in a		
Layer 2 Switching	200	
Switching capacity	36G	
Packet forwarding rate  MAC address table	26.78Mpps 16K	
VLAN	Support 4K	
Buffer	12M	
Forwarding delay	<10us	
MDX/MIDX	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/tracert test	Support	
Dying gasp	Support	
DDM	Support	
Convergence		
Convergence	Support ACL 500	
	Support IP standard ACL	
ACL	Support MAC expand ACL	
	Support IP expand ACL	
	Support QoS re-marking, priority mapping	
	Support SP, WRR queue scheduling	
QoS	Support engress rate-limited, egress rate-limit	
	Support Policy-based QoS	
Management	1	
CLI	Support	
Console	Support	
Management IP	Support IPv4/IPv6	
Telnet/SSH	Support	
WEB management	Support	



SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support
Environment	
Operating temperature	-40°C~+75°C
	The device is tested for 4 hours at temperatures in 85°C
Storage temperature	-40°C~+85°C
Relative humidity	5%~95% (non-condensing)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
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Mechanical Dimensions	
Product size	48X104X143mm
Installation Method	DIN-rail
Weight	0.58KG
EMC&INGRESS PROTECTION	
	ID40
IP Level	IP40
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
Authentication	
	CCC (CT /TCC /D. LIC
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate
	Adapter(optional)
	'
Optional model	
XPTN-9000-75-4GH8GT-V	4*2.5G SFP Ports,
	8*10/100/1000M RJ45 Ports
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# **SIZE AND APPEARANCE**



Front view Side view Back view Top view