XPTN-9000-85-4GX8GP-VX

MAIN FEATURES

4*1000Base-X, 8*10/100/1000Base-T Managed Industrial PoE Switches

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

DC48~58V(PoE)

Operating Temperature: -40℃~ +75℃

Shell: IP50 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hours

PRODUCT DESCRIPTION

The device is 4*1000Base-X, 8*10/100/1000Base-T Managed PoE 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.

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RRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	4*1000Base-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

Cable Type & Transmission Distance	
Twisted-pair	0-100m（CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode (optical) fiber	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)

PoE Support	
PoE port	1-8
PoE Protocol	802.3af，802.3at
Pin Assignment	1,2,3,6
PoE Management	Support

Layer 2 Switching	
Switching capacity	36G
Packet forwarding rate	26.78Mpps
MAC address table	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
WatchDog	Support
802.1X	Support

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MAC Authentication	Support
Port Isolation	Support
Rmon	Support
NTP client	Support
DHCP client	Support
DHCP snooping	Support
DHCP CLIENT	Support
PING/TRACEROUT	Support
Dying gasp	Support
DDM	Support

Convergence

ACL	Support ACL 500 Support IP standard ACL Support MAC expand ACL Support IP expand ACL
QOS	Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support engress rate-limited, egress rate-limit Support Policy-based QoS

Management

CLI	Support
Console	Support
Telnet	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

Environment

Operating temperature	-40℃~+75℃ The device is tested for 8 hours at temperatures in 85℃
Storage temperature	-40℃~+85℃
Relative humidity	5%~95%　(non-condensing)
Thermal methods	Fanless design
MTBF	100,000 hours

Mechanical Dimensions

Product size	65X104X143mm
Installation Method	DIN-rail
Weight	0.85KG

EMC & Ingress protection

IP Level	IP50
Surge protection of Power	IEC 61000-4-5　Level X（10KV/10KV）（8/20us)
Surge protection of Ethernet port	IEC 61000-4-5　Level X（6KV/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

Authentication	CCC/CE/FCC/RoHS

Accessories

Accessories	Device, Terminals, Specification, Certificate Adapter (Optional)

Optional Model

XPTN-9000-85-4GX8GT-VX	4*1000Mbps SFP Port, 8*10/100/1000Mbps RJ45 Port

SIZE AND APPEARANCE

Front view   Side view   Back view   Top view

Bottom view

65mm   104mm   35mm   143mm