# XPTN-9000-75-1GX8GT-V

#### **MAIN FEATURES**





1\*1000 Base-X, 8\*10/100/1000Base-T Managed Industrial Ethernet Switches

Input Voltage: DC12~58V 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 1\*1000 Base-X, 8\*10/100/1000 Base-T 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	1*1000 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 Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550m
Network Texale as	
Network Topology	
Ring topology	Support Support
Star topology	Support Support
Bus topology	Support Support
Tree Topology Hybrid topology	Support Support
	Support
Electrical Specifications	
Input voltage	DC12~58V
Total Power consumption	<10W
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
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
RMON	Support
NTP Client	Support
DHCP CLIENT	Support
DHCP snooping	Support

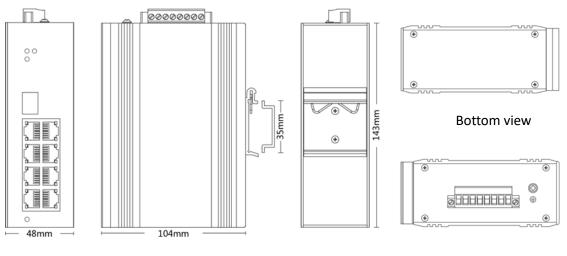


Ping/tracert test	Support
Dying gasp	Support
DDM	Support
Convergence	
	Support ACL 500
ACL QoS	Support IP standard ACL
	Support MAC expand ACL
	Support IP expand ACL
	Support QoS re-marking, priority mapping
	Support SP, WRR queue scheduling
	Support engress rate-limited, egress rate-limit
	Support Policy-based QoS
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Management	
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	
	-40°C~+75°C
Operating temperature	The device is tested for 4 hours at temperatures in 85°C
Storage tomperature	-40°C~+85°C
Storage temperature Relative humidity	5%~95% (non-condensing)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
WID	
Mechanical Dimensions	
Product size	48X104X143mm
Installation Method	DIN-rail
Weight	0.58KG
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EMC&INGRESS PROTECTION	
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	
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate
	Adapter(optional)
Optional model	
XPTN-9000-75-1GX8GP-V	1*1000Mbps SFP Ports,
	8*10/100/1000M RJ45 Ports, 802.AF&AT

## SIZE AND APPEARANCE



Front view

Side view

Back view

Top view

