# **XPTN-9000-85-8GT-VX**

#### **MAIN FEATURES**





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

Input Voltage: DC12~58V 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 8\*10/100/1000Base-T 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.



## **RRODUCT PARAMETERS**



Provider Mode Ports		
Fixed port	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 D	istance	
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	
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	
DHCP CLIENT	Support	

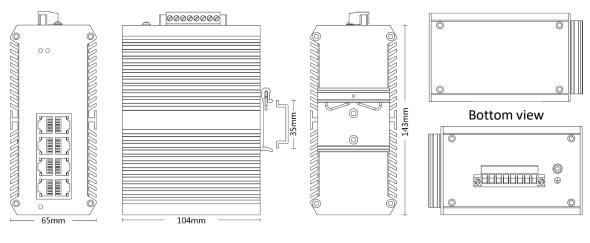


PING/TRACEROUT	Support
Dying gasp	Support
DDM	Support
Convergence	
ACL QOS	Support ACL 500
	Support IP standard ACL
	Support MAC expand ACL
	Support IP expand ACL
	Support QoS re-marking, priority mapping
	Support SP, WRR queue scheduling
	Support engress rate-limited, egress rate-limit
	Support Policy-based QoS
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
Farriers and	
Environment	40% 75%
Operating temperature	-40°C~+75°C
<u></u>	The device is tested for 8 hours at temperatures in 85°C
Storage temperature	-40°C~+85°C
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
Troight	
EMC&INGRESS PROTECTION	
IP Level	IP50
Surge protection of Power	IEC 61000-4-5 Level X (10KV/10KV) (8/20us)
<b>—</b> •	IEC 61000-4-5 Level X (6KV/4KV) (10/700us)
Surge protection of Ethernet port	
	IEC 61000-4-3   Level 3 (10V/m)
	IEC 61000-4-3 Level 3 (10V/m)
RS	IEC 61000-4-4 Level 3 (1V/2V)
RS EFI CS	IEC 61000-4-4 Level 3 (1V/2V) IEC 61000-4-6 Level 3 (10V/m)
RS EFI CS PFMF	IEC 61000-4-4 Level 3 (1V/2V)   IEC 61000-4-6 Level 3 (10V/m)   IEC 61000-4-8 Level 4 (30A/m)
RS EFI CS	IEC 61000-4-4 Level 3 (1V/2V) IEC 61000-4-6 Level 3 (10V/m)



Authentication	
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate Adapter (Optional)
Optional Model	
XPTN-9000-85-8GP-VX	8*10/100/1000Mbps RJ45 Port, PoE support 802.3af&at

### SIZE AND APPEARANCE



Front view

Side view

Back view

Top view

