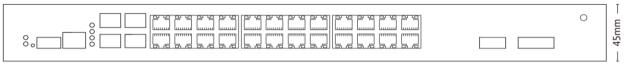


MAIN FEATURES	
P/N	XPTN-9000-87-4GX24GT-HR-V
Fixed port	4*1000 Base-X, 24*10/100/1000 Base-T
Management	Yes
PoE Support	No
Input Voltage	DC 12-58V /AC 100-240V 50-60HZ
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Certificates	CCC/CE/FCC/RoHS

SPECIFICATION

Provider Mode Ports		
Fixed port	4*1000 Base-X, 24*10/100/1000 Base-T	
Management Port	Support console	
Power interface	Phoenix terminal, dual power supply redundancy	
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	DC 12-58V /AC 100-240V 50-60HZ	
Total Power consumption	<25W	
PoE Support		
PoE port	None	
PoE Protocol	None	
Pin Assignment	None	
PoE Mode	None	
Layer 2 Switching		
Switching capacity	68G	
Packet forwarding rate	50.59 Mpps	
MAC address table	16K	
VLAN	Support 4K	
Buffer	12M	
Forwarding delay	<10 µs	
MDX/MIDX	Support	
Flow control	Support	
Jumbo Frame	Support10 Kbytes	
Spanning Tree	Support STP/RSTP/MSTP	
Ring Protocol	Support ERPS	
Link Aggregation	Support 12 Groups	

Multicast Port Mirroring Storm Control Interface Counters QINQ 802.1X Radius/Mac authentication Port Isolation Rmon NTP client DHCP client	Support IGMP Snooping Support Support Support Support Support Support
Storm Control Interface Counters QINQ 802.1X Radius/Mac authentication Port Isolation Rmon NTP client DHCP client	Support Support Support Support Support Support
Interface Counters QINQ 802.1X Radius/Mac authentication Port Isolation Rmon NTP client DHCP client	Support Support Support Support
QINQ 802.1X Radius/Mac authentication Port Isolation Rmon NTP client DHCP client	Support Support Support
802.1X Radius/Mac authentication Port Isolation Rmon NTP client DHCP client	Support Support
Radius/Mac authentication Port Isolation Rmon NTP client DHCP client	Support
Port Isolation Rmon NTP client DHCP client	
Rmon NTP client DHCP client	Support
NTP client DHCP client	Support
DHCP client	Support
	Support
BUICE :	Support
DHCP snooping	Support
Ping/tracer detection	Support
Dying gasp	Support
Fiber module DDM	Support
Layer 3 Route	
Static Routes	Support 512 static route
Convergence	
ACL	Support ACL 500 lines; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACL
QOS	Support QoS re-marking, priority mapping; Support SP, WRR queue scheduling; Support egress rate-limited, egress rate-limit; Support Policy-based QoS
Management	
CLI	Support
Console	Support
IP	Support IPv4/IPv6
Telnet	Support
WEB	Support
SNMP	Support SNMPv1/v2c/v3
User	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
Mechanical Dimensions	
Product size	440*245*44mm
Installation Method	Rack mounted
Weight	3.1KG
EMC & Ingress Protection	
IP Level Surge protection of Power	IP40 DC: IEC 61000-4-5 Level X (8KV/8KV) (8/20 μs); AC: IEC 61000-4-5 Level 3 (4KV/2KV) (8/20 μs)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700 μs)
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 Certificates	CCC/CE/FCC/RoHS



440mm –