



MAIN FEATURES	
P/N	XPTN-9000-87-4GX48GP-R-V
Fixed port	4*1000 Base-X, 48*10/100/1000 Base-T
Management	Yes
PoE Support	Yes
Input Voltage	DC48-58V (PoE)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Certificates	CCC/CE/FCC/RoHS

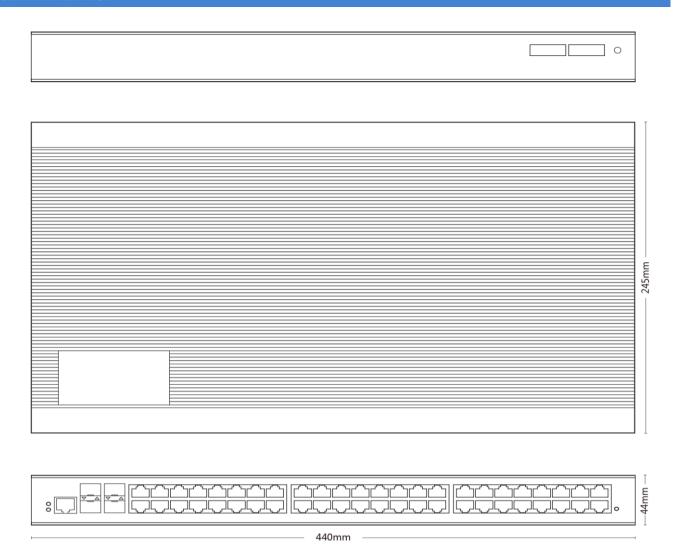
SPECIFICATION

Provider Mode Ports		
Fixed port	4*1000 Base-X, 48*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	DC48-58V (PoE)	
Total Power consumption	<35W(Non-PoE), <400W(PoE)	
PoE Support		
PoE port	1-48	
PoE Protocol	802.3af, 802.3at	
Pin Assignment	1,2,3,6	
PoE Mode	Support	
Layer 2 Switching		
Switching capacity	336G	
Packet forwarding rate	87 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	

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Multicast	Support IGMP Snooping	
Port Mirroring	Support	
Storm Control	Support	
Interface Counters	Support	
QINQ	Support	
802.1X	Support	
Radius/Mac authentication	Support	
Port Isolation	Support	
Rmon	Support	
NTP client	Support	
DHCP client	Support	
DHCP snooping	Support	
Ping/tracer detection	Support	
Dying gasp	Support	
Fiber module DDM	Support	
Layer 3 Route	***************************************	
Static Routes	Support 256 static route	
Convergence	54PPS-1-250 54440 FOATC	
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	5.26	
IP Level	IP40	
Surge protection of Power	IEC 61000-4-5 Level X (8KV/8KV) (8/20 μs)	
Surge protection of Ethernet port	IEC 61000-4-5 Level X (4KV/4KV) (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 61000-4-0 Level 3 (1007/III)	
DIP	IEC 61000-4-8 Level 4 (30A/III)	
ESD	IEC 61000-4-11 Level 3 (18V)	
Free fall	0.5m	
Authentication	VIOLIT .	
Certificates	CCC/CE/FCC/RoHS	
Accessories	Device, Terminals, Specification, Certificate, Adapter(optional)	
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