



## MAIN FEATURES

<b>P/N</b>	XPTN-9000-45-5TP
<b>Fixed port</b>	5*10/100 Base-TX
<b>Management</b>	No
<b>PoE Support</b>	Yes
<b>Input Voltage</b>	12 to 58 VDC
<b>ESD</b>	IEC 61000-4-2 Level 4 (8K/15K)
<b>Thermal methods</b>	Fanless, natural cooling
<b>MTBF</b>	100,000 hours
<b>Certificates</b>	CCC/CE/FCC/RoHS

## SPECIFICATION

### Provider Mode Ports

Business interface (Fixed port)	5*10/100 Base-TX
Management Port	None
Power interface	2 removeable 3-contact terminal block(s)
LED Indicators	P1/P2, OPT

### Cable type & Transmission distance

Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	None
Multimode optical fiber	None

### DIP Switch

1 LFP	Reserve
2 LGY	Reserve
3 VLAN	Port Isolation
4 BSR	Storm Control Configuration

### Network Topology

Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	-

### Electrical Specifications

Input voltage	12 to 58 VDC
Total Power consumption	Max. 5 W full loading without PDs' consumption

<b>PoE Support</b>	
PoE port	1-4
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Management	-
<b>Layer 2 Switching</b>	
Switching capacity	1G
Packet forwarding rate	0.744 Mpps
MAC address table	2K
Buffer	768K
Forwarding delay	<5 $\mu$ s
MDX/MIDX	Support
Flow control	-
Jumbo frame	2K Bytes
Storm Control	Support
Port-Isolation	Support
Remote PD Reset	-
<b>Environment</b>	
Operating temperature	-30°C~+75°C
Storage temperature	-30°C~+75°C
Relative humidity	10%~90% (non-condensing)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
<b>Mechanical Dimensions</b>	
Product size	31*91*118mm
Installation Method	DIN-rail
Weight	0.36 Kg
<b>EMC &amp; Ingress Protection</b>	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20 $\mu$ s)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700 $\mu$ s)
RS	-
EFI	-
CS	-
PFMF	-
DIP	-
EMI	-
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
<b>Authentication</b>	

SIZE AND APPEARANCE

