XPTN-9000-65-1GX4GP

MAIN FEATURES

1*1000Base-X, 4*10/100/1000Base-T

Industrial Ethernet PoE Switches

Input Voltage: DC12~58V(Non-PoE),

DC48~58V(PoE)

Operating Temperature: -40℃ ~ +75℃

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hour

PRODUCT DESCRIPTION

This device is 1* 1000Base-X & 4*10/100/1000Base-T Industrial Ethernet PoE Switches. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. It can better 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, 4*10/100/1000Base-T
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT, NMC, ALM
DIP Switch	
1 C/D	Remote PD Reset
2 LGY	Stand/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM

Scodeno

Multimode (optical) fiber	550m

Network Topology

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

Electrical Specifications

Input voltage	DC12-58V（Non-PoE），DC48~58V(PoE)
Total Power consumption	<6W(Non-PoE); <126W(PoE)
Voltage Alarm	Support

PoE Support

PoE port	1~4
PoE Protocol	802.3af , 802.3at
Pin Assignment	1,2,3,6
PoE Mode	Standard & non-standard are supported
PoE Management	Unsupported
Remote PD Reset	Support

Layer 2 Switching

Switching capacity	14G
Packet forwarding rate	10.416Mpps
MAC address table	8K
Buffer	1M
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10Kbytes
WatchDog	Support
Port Isolation	Support

Environment

Operating temperature	-40℃~+75℃ The device is tested for 4 hours at temperatures in 85℃
Storage temperature	-40℃~+85℃
Relative humidity	5%~95% non-condensing
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product size	143X104X48mm
Installation Method	DIN rail
Weight	0.6KG around

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 X（4KV/4KV）（10/700us）
RS	IEC 61000-4-3　Level 3（10V/m）
EFI	IEC 61000-4-4　Level 3（1V/2V）

Scodeno

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, power adapter(optional)

Optional model

XPTN-9000-65-1GX4GT	1*1000Mbps SFP Port 4*10/100/1000Mbps RJ45 Port
XPTN-9000-65-1GX4GP-SC	1*1000Mbps SC Port 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at
XPTN-9000-65-1GX4GP-FC	1*1000Mbps FC Port 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at
XPTN-9000-65-1GX4GP-ST	1*1000Mbps ST Port 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at

SIZE AND APPEARANCE

Front view   Side view   Back view   Top view

35mm

143mm

Bottom view

48mm   104mm

Front view   Side view   Back view   Top view

Scodeno