

# XPTN-9000-63-1FX1TX-X

## MAIN FEATURES



**1\*100Base-FX, 1\*10/100Base-TX**

**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 Hour

## PRODUCT DESCRIPTION

This device is 1\* 100Base-FX & 1\*10/100Base-TX Industrial Ethernet 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.

## PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	1*100 Base-FX, 1*10/100Base-TX
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
Multimode (optical) fiber	550m

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<b>Network Topology</b>	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	DC12-58V
Total Power consumption	<6W
Voltage Alarm	Support
<b>Layer 2 Switching</b>	
Switching capacity	1.4G
Packet forwarding rate	1.0416Mpps
MAC address table	8K
VLAN	Unsupported
Buffer	1M
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10Kbytes
WatchDog	Support
<b>Environment</b>	
Operating temperature	-40°C~+75°C 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, natural cooling
MTBF	100,000 hours
<b>Mechanical Dimensions</b>	
Product size	119*90*59mm
Installation Method	DIN-rail
Weight	0.5KG around
<b>EMC &amp; Ingress Protection</b>	
IP Level	IP50
Surge protection of Power	IEC 61000-4-5 Level X ( 10KV/10KV ) ( 8/20us )
Surge protection of Ethernet port	IEC 61000-4-5 Level X ( 6KV/4KV ) ( 10/700us )
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
<b>Authentication</b>	
Authentication	CCC, CE, FCC, RoHS

Accessories	
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)
Optional Model	
XPTN-9000-63-1FX1TP-X	1*100Mbps SFP Port 1*10/100Mbps RJ45 Port, PoE Support 802.3af&at
XPTN-9000-63-1FX1TX -SC-X	1*100Mbps SC Port, 1*10/100Mbps RJ45 Port
XPTN-9000-63-1FX1TX-FC-X	1*100Mbps FC Port, 1*10/100Mbps RJ45 Port
XPTN-9000-63-1FX1TX-ST-X	1*100Mbps ST Port, 1*10/100Mbps RJ45 Port

## SIZE AND APPEARANCE

