

XPTN-9000-65-1FX2TP

MAIN FEATURES



**1*100Base-FX, 2*10/100Base-TX
Industrial Ethernet PoE Switches**

Input Voltage: DC12~58V(Non-PoE),
DC48~58V(PoE)

Operating Temperature: -40°C ~ +75°C

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hour

PRODUCT DESCRIPTION

This device is 1* 100Base-FX & 2*10/100Base-TX Industrial Ethernet PoE Switches, PoE is optional. 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 , 2*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 | |

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| Twisted-pair | 0-100m (CAT5e,CAT6) |
| Monomode optical fiber | 20/40/60/80/100KM |
| 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); <66W(PoE) |
| Voltage Alarm | Support |
| PoE Support | |
| PoE port | 1~2 |
| 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 |
| VLAN | Unsupported |
| Buffer | 1M |
| Forwarding delay | <5us |
| MDX/MIDX | Support |
| Flow control | Support |
| Jumbo Frame | Support 10Kbytes |
| WatchDog | Support |
| Port Isolation | 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 | 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) |

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| 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) |
| 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-9000-65-1FX2TX | 1*100Mbps SFP Port, 2*10/100Mbps RJ45 Port |
| XPTN-9000-65-1FX2TP -SC | 1*100Mbps SC Port 2*10/100Mbps RJ45 Port, PoE 802.3af & at |
| XPTN-9000-65-1FX2TP -FC | 1*100Mbps FC Port 2*10/100Mbps RJ45 Port, PoE 802.3af & at |
| XPTN-9000-65-1FX2TP-ST | 1*100Mbps ST Port 2*10/100Mbps RJ45 Port, PoE 802.3af & at |

SIZE AND APPEARANCE

