

SPM-EE(1X)T4X-NXXST

1 Fiber to X UTP 10/100Mbps Industrial POE Fiber Media Converter



Key Features

- Support power on POE IP cameras through the wireless access point (AP) of 5 categories of Ethernet cable.
- IEEE 802.3af power on to all RJ45 port
- 1 ~ 4 x 10/100Mbps Auto-sensing RJ45 port
- 1 x 100Mbps SC fiber port
- 4KV Ethernet surge protection, adapt to a harsh outdoor environment
- Support Auto MDI/MDIX
- Flow control mode: full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
- IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
- Max power to 15.4W under af standard, 30W under at standard to each PoE port
- Detect the PoE models of electrical equipments.
- A store-and-forward switching mechanism
- Operating environment temperature:-40 ° ~ 85 ° c

Introduction

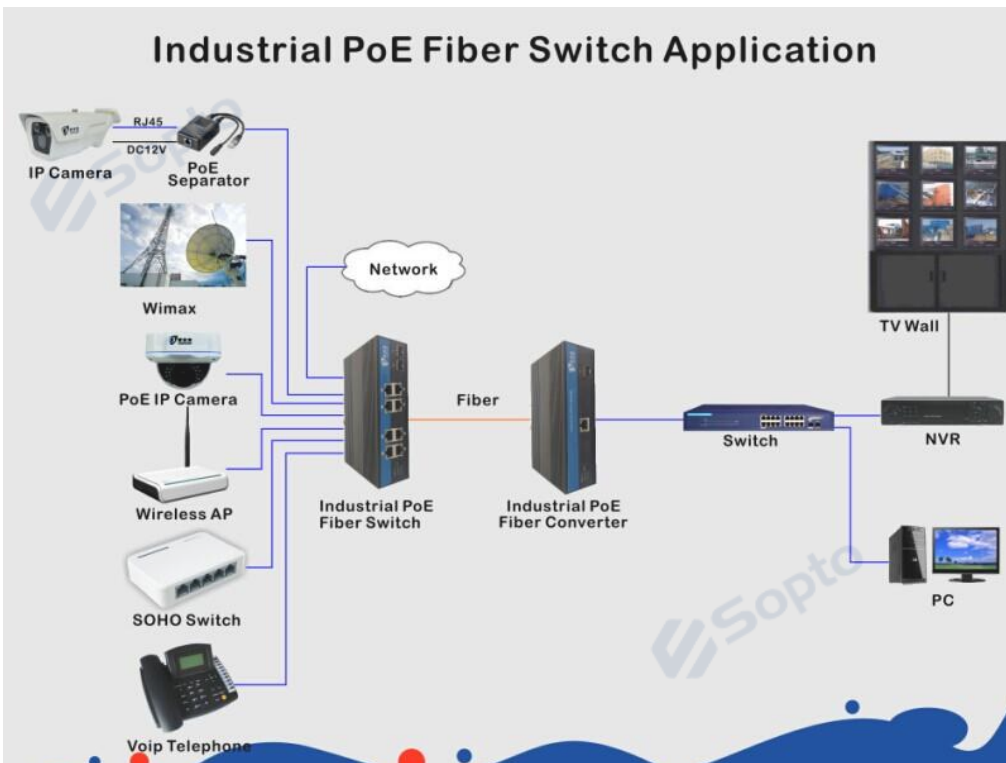
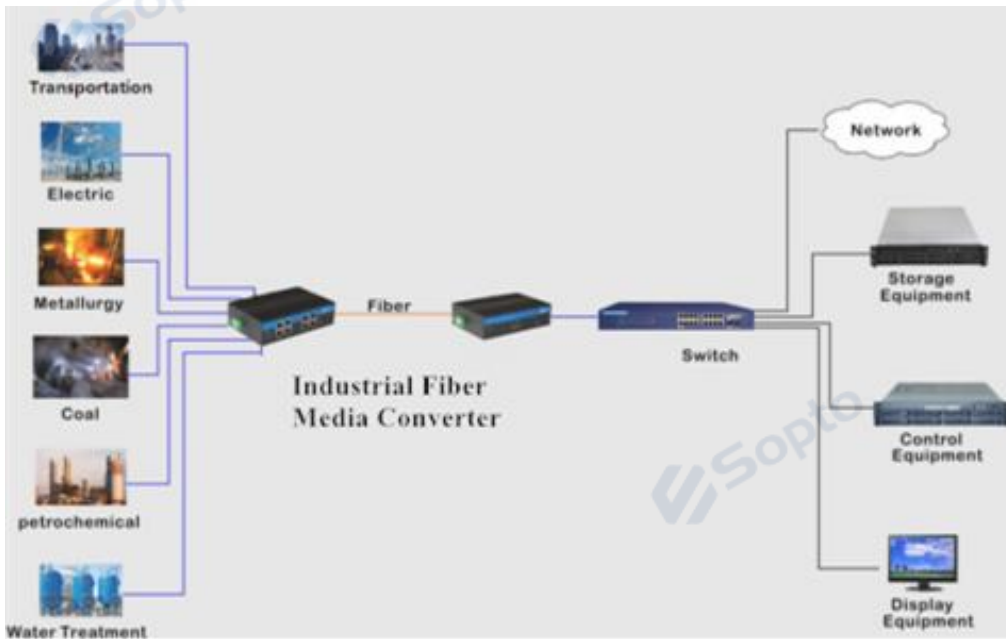
SPM-EE(1X)T4X-NXXST is the 10/100 Mbps industrial POE fiber media converter, which can also be called industrial POE fiber switch, operating temperature -40°C to $+85^{\circ}\text{C}$, support wide voltage dual power input, meet IP40 protection degree and EMC industrial grade requirements, DIN rail installation, pass through dangerous environmental certification and comply with FCC and CE standards. The reliable industrial grade design could ensure continuous and stable operation of the automation system.

Specification

Product Name	10/100Mbps Industrial POE Fiber Media Converter (1 Fiber + X UTP)
Model No.	SPM-EE(1X)T4X-NXXST
Port	1 x 100Mbps fiber port SM: 1310nm/1550nm, 20Km 1490nm/1550nm, 40~120Km MM: 1310nm, 2Km 1 ~ 4 x 10/100M UTP RJ45 (Support MDI/MDIX auto-sensing)
Switching features	Transmission mode: storage and forward System bandwidth: 1 Fiber port + 1 UTP: 1Gbps; 1 Fiber port + 2 UTPs: 1.5Gbps; 1 Fiber port + 4 UTPs: 2.5Gbps; (non-traffic jam)
Network media	10BASE-T: CAT3, CAT4, CAT5 unshielded twisted pair($\leq 100\text{m}$) 100BASE-TX: CAT5 or above shielded twisted pair($\leq 100\text{m}$) Fiber port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km
LEDs	Power, network, fiber
Power supply	Input voltage: DC 12-36V No-load power consumption: 5W Reverse polarity protection: support POE power supply input voltage: 48V (max 53V), Single PoE power supply output power: 15.4W (802.3at standards required special instructions)
Environment	Working temperature: $-40^{\circ}\sim 85^{\circ}\text{C}$ Storage temperature: $-40^{\circ}\sim 85^{\circ}\text{C}$ Working humidity: 10%~90%, non-condensing Storage humidity: 10%~95%, non-condensing
Industry Standards	EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A EMS: EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 Traffic Control: NEMA-TS2 Vibration: IEC 60068-2-6 Freefall: IEC 60068-2-32 Shock: IEC 60068-2-27 Rail Traffic: EN 50121-4

Safety	CE Mark ,commercial CE/LVD EN60950
Mechanical information	Shell: Corrugated metal shell Safety class: IP40 Dimension: 114.8 x 114 x 60mm(1 or 2 x 10/100M UTP RJ45) 158 x 114.8 x 60mm(4 x 10/100M UTP RJ45) Mounting method: Din-rail mounting
Warranty	Replacement within 1 year; 5 years repairing

Application



Ordering information

PN	Description
SPM-EET43-N20ST	10/100M Industrial POE Media Converterter 1*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km
SPM-EE12T43-N20ST	10/100M Industrial POE Media Converterter 2*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km
SPM-EE14T43-N20ST	10/100M Industrial POE Media Converterter 4*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km
SPM-ETT43-N20ST	10/100M Industrial POE Media Converterter 1*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km PSE at

Note: The default is the PSE af standard.

E-mail: info@sopto.com.cn

Web : <http://www.sopto.com.cn>