

# SPM-ET (E) 2XT2X-PXT

## 2 Fiber to X UTP 10/100/1000 Mbps Industrial POE Fiber Switch



### Key Features

- Support power on POE IP cameras or the wireless access point (AP) through 5 categories of Ethernet cable.
- IEEE 802.3af power on to all RJ45 ports
- 2 ~ 8 x 10/100/1000Mbps Auto-sensing RJ45 ports
- 2 x 1000Mbps SFP fiber ports
- 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

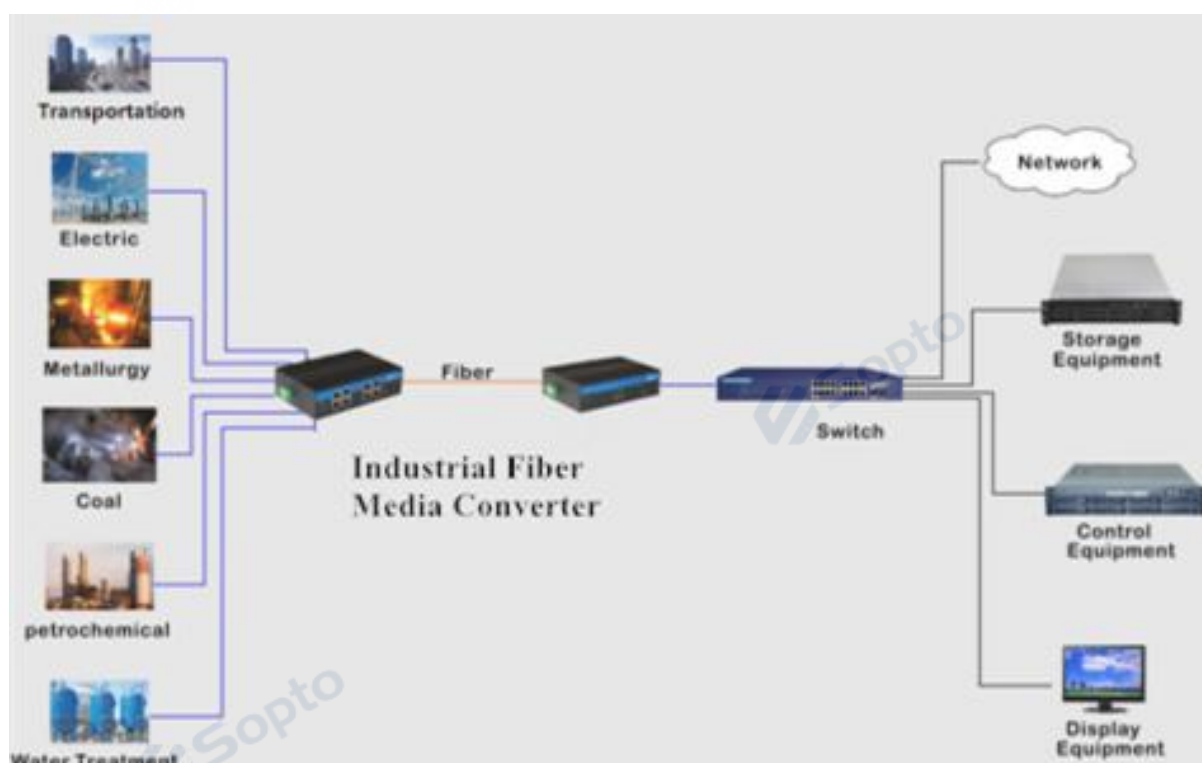
SPM-EE2XT2X-PXT is the 10/100/1000 Mbps industrial POE fiber switch, comply with IEEE802.3af/at, power on POE IP cameras through the Ethernet cable, simple construction, power range up to 100 meters, operating temperature -40℃ to + 85℃, meet IP40 protection degree and EMC industrial grade requirements, 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.

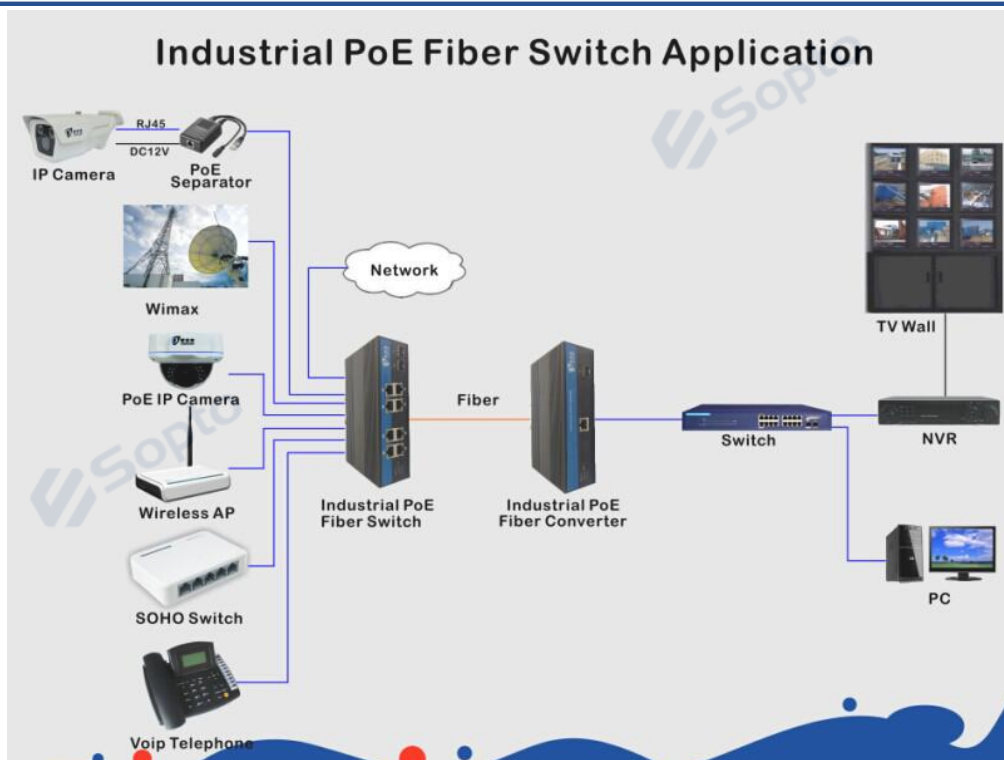
## Specification

|                           |                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>       | 10/100/1000 Industrial POE Fiber Switch (2 Fiber to X UTP)                                                                                                                                                                                                                                                                          |
| <b>Model No.</b>          | SPM-EE2XT2X-PXT                                                                                                                                                                                                                                                                                                                     |
| <b>Port</b>               | 2 x 1000Mbps SFP ports<br>SM: 1310nm/1550nm, 20Km<br>1490nm/1550nm, 40~120Km<br>MM: 1310nm, 2Km<br>2 ~ 8 x 10/100/1000M UTP RJ45 (Support MDI/MDIX auto-sensing)                                                                                                                                                                    |
| <b>Switching features</b> | Transmission mode: storage and forward<br>System bandwidth:<br>2 SFPs + 2 UTPs:8Gbps;<br>2 SFPs + 4 UTPs:12Gbps;<br>2 SFPs + 6 UTPs:16Gbps;<br>2 SFPs + 8 UTPs:20Gbps;<br>(non-traffic jam)                                                                                                                                         |
| <b>Network media</b>      | 10BASE-T: CAT3, CAT4, CAT5 un-shielded twisted pair(≤100m)<br>100/1000BASE-TX: CAT5 or above shielded twisted pair(≤100m)<br>SFP port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km                                                                                                                                         |
| <b>LEDs</b>               | Power, network, fiber                                                                                                                                                                                                                                                                                                               |
| <b>Power supply</b>       | Input voltage: DC 12-36V<br>No-load power consumption: 5W<br>Reverse polarity protection: support<br>POE power supply input voltage: 48V (max 53V),<br>Single PoE power supply output power: 15.4W<br>(802.3at standards required special instructions)                                                                             |
| <b>Environment</b>        | Working temperature: -40°~ 85°C<br>Storage temperature: -40°~ 85°C<br>Working humidity: 10%~90%, non-condensing<br>Storage humidity: 10%~95%, non-condensing                                                                                                                                                                        |
| <b>Industry Standards</b> | EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A<br>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<br>Traffic Control: NEMA-TS2<br>Vibration: IEC 60068-2-6<br>Freefall: IEC 60068-2-32<br>Shock: IEC 60068-2-27 |

|                               |                                                                                                                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | Rail Traffic: EN 50121-4                                                                                                                                                                                       |
| <b>Safety</b>                 | CE Mark , commercial<br>CE/LVD EN60950                                                                                                                                                                         |
| <b>Mechanical information</b> | Shell: Corrugated metal shell<br>Safety class: IP40<br>Dimension: 114.8 x 114 x 60.6mm (2 x 10/100/1000M UTP RJ45)<br>158 x 114.8 x 60mm (4 ~ 8 x 10/100/1000M UTP RJ45)<br>Mounting method: Din-rail mounting |
| <b>Warranty</b>               | Replacement within 1year; 5 years repairing                                                                                                                                                                    |

## Application





## Ordering information

| PN              | Description                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------|
| SPM-EE22T2X-PXT | Gigabit Industrial POE Media Converter 2*10/100/1000Base-Tx to 2* SFP slot without SFP modules                      |
| SPM-EE24T2X-PXT | Gigabit Industrial POE Media Converter 4*10/100/1000Base-Tx to 2* SFP slot without SFP modules                      |
| SPM-EE26T2X-PXT | Gigabit Industrial POE Media Converter 6*10/100/1000Base-Tx to 2* SFP slot without SFP modules                      |
| SPM-EE28T2X-PXT | Gigabit Industrial POE Media Converter 8*10/100/1000Base-Tx to 2* SFP slot without SFP modules                      |
| SPM-ET22T2X-PXT | Gigabit Industrial POE Media Converter 2*10/100/1000Base-Tx to 2* SFP slot without SFP modules POE 802.3at standard |
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| SPM-ET28T2X-PXT | Gigabit Industrial POE Media Converter 8*10/100/1000Base-Tx to 2* SFP slot without SFP modules POE 802.3at standard |

Note: If you need more customized services, please contact us.

E-mail: [info@sopto.com.cn](mailto:info@sopto.com.cn)

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