



10/100M PD (Powered Device) Media Converter NT-4500PD/ NT-4500SPD

❖ Overview

NT-4500PD/NT-4500SPD is a kind of PoE fiber media converter compliant with 802.3af standards, can get the DC 48V power from the Ethernet cable. It supports the connection of TP cable, and is applicable to powered device or PoE voltage divider, such as PoE-151S-5V/12V. The TP cable can transmit the data and power supply simultaneously.



❖ Features

- ❖ Compliance with the IEEE802.3af PoE (Power over Ethernet) PD standard
- ❖ Supporting LFP (Link Fault Pass-through)
- ❖ With side switches, easy setting
- ❖ The automatic detection function of protective device used in PoE IEEE 802.3af can prevent the damage due to improper installation
- ❖ Able to get 48VDC power supply from RJ45 Ethernet cable
- ❖ Can get power supply from PSE endpoint or PSE midspan
- ❖ Auto-sense of MDI / MDI-X cable
- ❖ Good flow control and self-reset function can effectively avoid the crash



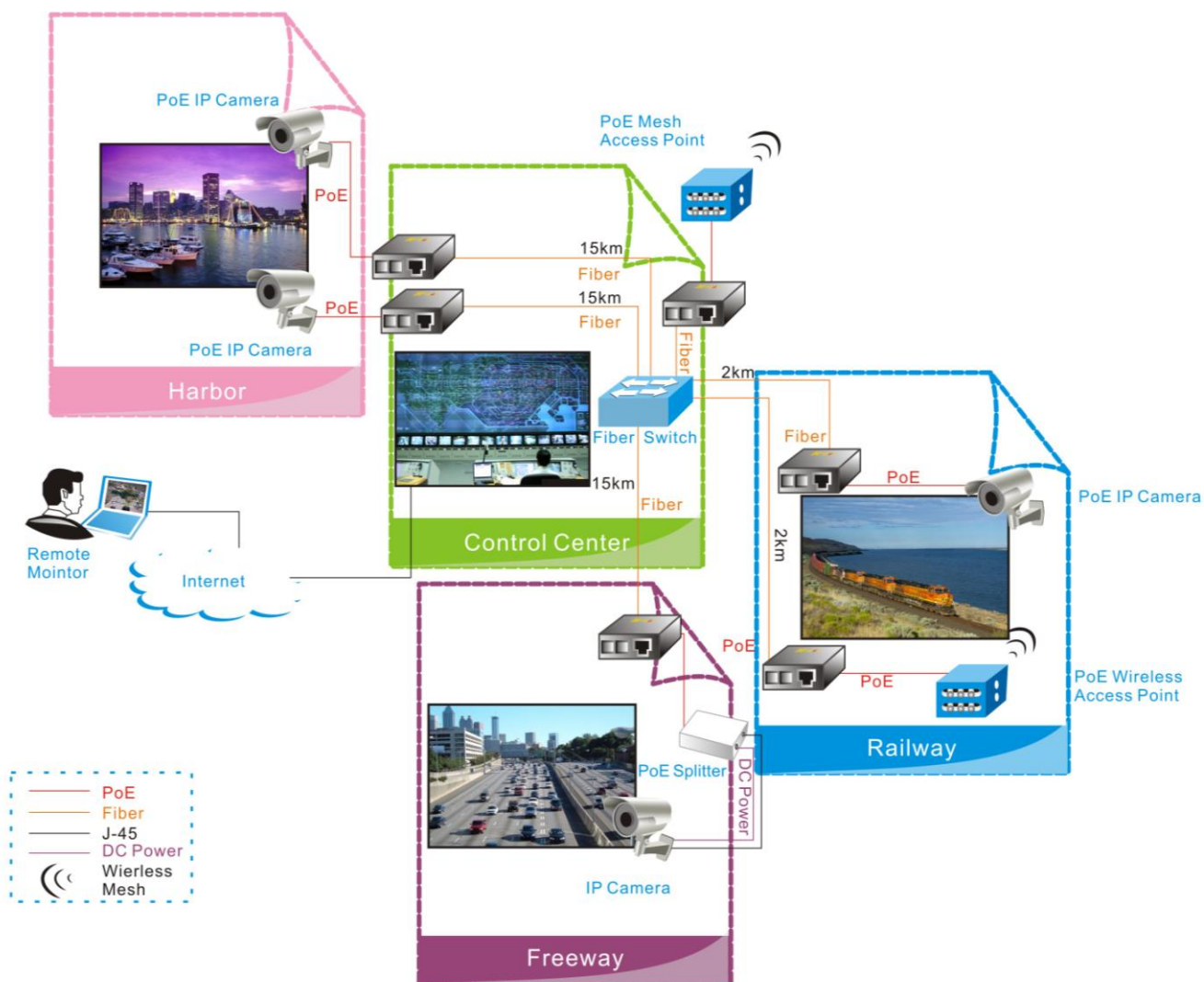
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❖ Specification

Parameter	Specifications
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af
Data transmission rate	100Mbps: 148,800pps 10Mbps: 14,880pps
Cable	One RJ45 port: Connecting with STP/UTP category-5 twisted pairs One optical port: Multi-mode: SC (50, 62.5/125 μ m) Single mode: SC (9/125 μ m)
Flow control	IEEE802.3x compliant for full-duplex (full duplex) Back pressure flow control for half-duplex (half duplex)
Power supply	100~240VAC, 47~63Hz
Consumption	45W
Environment temperature	0~50 $^{\circ}$ C
Humidity	5% ~ 90% non-condensing
Dimensions	71mm (W) \times 94mm (D) \times 26 mm (H)
Safety Regulations	FCC Part 15 Class A, CE Mark

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❖ Application



❖ Order Information

NT-4500PD	10/100Base-TX to 100Base-FX PoE-PD Fast Ethernet Media Converter,10/100M, Multi mode, Dual fiber, 2km, SC connector, 850nm, power adaptor220VAC, standalone
NT-4500SPD-20	10/100Base-TX to 100Base-FX PoE-PD Fast Ethernet Media Converter,10/100M,Single mode, Dual fiber,20km,SC connector,power adaptor220VAC, standalone