

Transmitter of 4-port 10/100Mbps TX (PoE+) to 1-port Coax Ethernet Switch with PoC



Model: FSN-141P-T Series

Overview

The FSN-141P-T Series product provides Ethernet Extension of 1-CH 10/100Base-TX over Coaxial cable (1Km max.). The products provide high power PoE (30W max Power Sourcing Equipment (PSE)) to the network camera. The product is good for retrofit of analogue system by using the existing cable infrastructure.

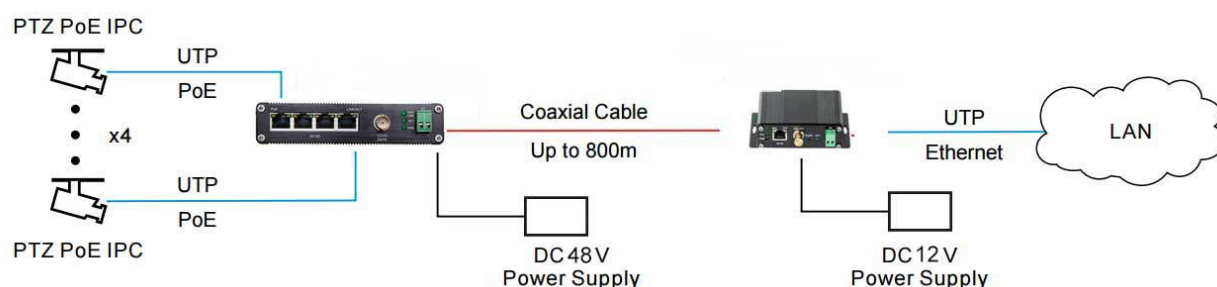
To ensure trouble free transportation and storage, products must be thoroughly inspected, tested and properly packed before delivery. Check the product upon receipt for any visible damage which may have been caused during shipment.

Features

- Compatible with FSN-141P-T-R
- Connecting up to 4 IP Cameras or devices
- Support 10/100Base-TX, Full/Half-duplex, Auto-negotiation, Auto-MDI/MDIX
- Support Power over Ethernet(PoE): IEEE802.3af/at
- Maximum transmission distance: 800m on RG-59/U coaxial cable
- Automatically support multicast transmission(IGMP)
- Data Rate up to (per port): 25Mbps (Downlink/Uplink)
- External 48VDC power input
- Wall-Mount installation

- 10°C to 60°C(14°F to 140°F) operating temperature

Application



Technical Indexes

Ethernet	
Standards	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX
	IEEE802.3af Power Over Ethernet
	IEEE802.3at Power Over Ethernet
Processing Type	Store-and-Forwards
	Half-duplex, Full-duplex
Forward & Filtering Rate	14,880pps for 10Mbps
	148,800pps for 100Mbps
Cabling	Cat5 or above
Maximum Distance	Cat5UTP up to 100m
Connector	4 x RJ45
Address Table Size	2048 MAC Addresses
Coaxial	
Cabling	Coaxial Cable (75 ohm)
Connector	1 BNC (female)
Distance	Up to 800m on RG-59/U
Data Rate per port	25Mbps (Downlink/Uplink)
Technology	Power Line Communication (PLC)
Protection	
Reverse Polarity	Present
Overload Protection	Automatic Resettable
Electrical and Mechanical	
Input Power	48-57VDC (2 pin connector) or PoE
Power Consumption	10W Max. (PoC not in use)
	144W Max. (Poc in use)
LED Indicators	

Power	Power Status
10/100TX (Per Port)	LINK/Activity, PoE
Coax Data	LINK, Activity
PoE	
Standard	IEEE802.3af/at
Mode	B Mode
Port	P1-P4
Max. Power Per Port	30W Max. (Power Sourcing Equipment)
Dimensions (W x D x H)	148 × 120 × 31 mm
Weight	0.5kg
Casing	Aluminum case
Environmental	
Operation Temperature	-10°C to 60°C (14°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 90% non-condensing
MTBF	> 100,000 hrs
Regulatory Approvals	ISO9001 FCC Part 15 Class A EN55022 Class A Surge Protection RJ45: 1KV BNC: 2KV Power: 500V

Dimensions

