

Industrial 10/100Base-TX (PoE+) Ethernet Over Coax Extenders with PoC



Model: FSN-EOC110P Series

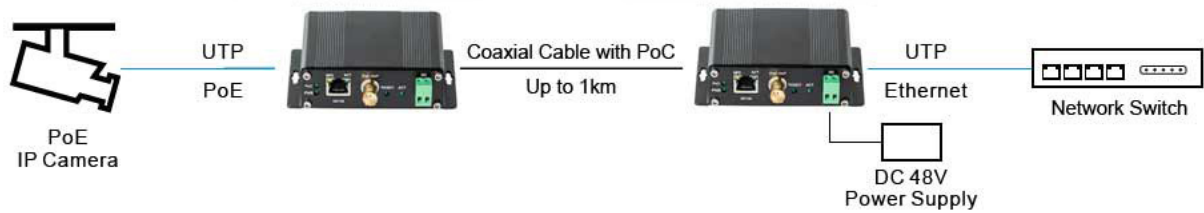
Overview

The FSN-EOC110P 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 products support PoC, hence, no power point is required for the transmitter and the network camera at the transmitter side. The product is good for retrofit of analogue system by using the existing cable infrastructure.

Features

- Ethernet Extension: Security Link over Coax
- PoE+ (30W) and Power over Coaxial
- 802.3af/802.3at Compliant
- Max. Distance: 1Km over Coax (RG-59/U)
- Data Rate up to: 90Mbps (Downlink), 90Mbps (Uplink)
- Compatible with 4-port standalone Receiver &
- Rack Mount 8/16-port Receiver
- Accept 48~57VDC external power input or PoE power input from RJ45 port

Application



Technical Indexes

Ethernet	
Standards	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX
	IEEE802.3af Power Over Ethernet
	IEEE802.3at Power Over Ethernet
Cabling	10Base-T: Cat 3,4,5, or above
	100Base-TX: Cat5 or above
Maximum Distance	Cat5UTP up to 100m
Connector	1 x RJ45
Coaxial	
Cabling	Coaxial Cable (75 ohm)
Connector	1 BNC (female)
Distance	Up to 1Km on RG-59/U
Data Rate	
Downlink (TX to RX)	90Mbps (Max.)
Uplink (RX to TX)	90Mbps (Max.)
Technology	Power Line Communication (PLC)
Protection	
Reverse Polarity	Present
Electrical and Mechanical	
Input Power	48-57VDC (2 pin connector) or PoE
Power Consumption	8W Max. (PoC not in use)
	60W Max. (Poc in use)
LED Indicators	
Power	Power Status
Coax	LINK(Transmitter) / Ready(Receiver) / PoC(Receiver), Activity
Ethernet	SPD, LINK/ACT, PoE(Transmitter)
PoE	
Standard	IEEE802.3af
Mode	B Mode
Port	RJ45

Max. Power Per Port	25.5W max.at RX(Powered Device)
	30W Max.at TX(Power Sourcing Equipment)
Mode	Positive(VCC+): RJ45 Pin 4,5
	Negative(VCC-):RJ45 Pin 7,8
Dimensions (W x D x H)	114 × 82 × 31 mm
Weight	0.25kg (0.3kg with PA)
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

