

Ethernet Over Coax - PoE - RJ45/BNC (800m)

POE-EC001 - Specifications

Description

This EOC (Ethernet Over Coax, also known as IP over Coax) converter is used to transmit audio, video and data over existing coaxial cables. This EOC converter is designed to upgrade traditional analogue video surveillance system cabling to IP surveillance system cabling without the need to replace any existing coaxial cables. Often used in homes, businesses and elevators for the following applications; POE IP cameras, POE Wi-Fi APs, VoIP phones and more

Features

- Supports IEEE 802.3, IEEE 802.3u and IEEE 802.3X standards
- Supports IEEEB02.3af and IEEE802.3at power supply standards
- Supports RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps
- Supports MDI/MDIX self- adaption
- Supports long range power supply transmission via coaxial cable

Physical Characteristics

No. of Channels	ePoE Transmitter : 1 x 10/100Mbps RJ4	5 Port (PoE IN), 1 x Coaxial C	Cable Port		
	ePoE Receiver : 1 x 10/100Mbps RJ45	Port (PoE OUT), 1 x Coaxial C	Cable Port		
Body Material	White Polycarbonate				
Mounting	Wall/Shelf			I TEPPEREE	
Environment	Indoor				
Operating Temperature	-30°C to 70°C	15			
Operating Humidity	5 to 95% (no condensation)		Long Reach	POE OUT	
Dimensions	150 x 74 x 40mm		POE IN Link @		
Indicators	Power Indicator: PoE Enabled				
	Network Indicator: Link/Act				
Power Consumption	<2W				
Max. power Consumption	30W				
Performance					
Transmission Bandwidth	RG59 coaxial cable : 400m/100Mbps, 1	000m/10Mbps	Packaging Information		
PoE Protocol	IEEE8023af. IEEE802 3at		Packaging Information	1 EQC/DeE Convertor	
Network Standard	IEEE802 3, IEEE802 3u, IEEE802 3x		Package Quantity	1 - EOC/PoE Converter	
PoE Pin Assignment	V+(Rj45 Pin 12,45)	V-(Rj45 Pin 36,78)	Product Weight	0.25 lbs	





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Cable Length(m)	Communication Bandwidth (Mbps)	PoE Max Load Capacity (W)	Network Operating Mode	
100	100	25.5	E100	
200	100	24	E100	
300	100	19	E100	
400	100	16	E100	
500	10	13	E10	
800	10	8	E10	
1000	10	6	E10	

EOC TX PoE Input voltage >56V

RG-59 max DC resistance < $5\Omega/100m$

Cable length means the total wire length from switch to EOC RX

(including network cable and coaxial cable) it can use max 2m network cable to connection receiver to IPC