

HNT-9601COX-X6NF | 1 Port 10/100 Power over Coax Extender



FEATURE HIGHLIGHTS

- 1x 10/100 Base-TX PoE RJ45 port, IEEE 802.3af/at
- 1x BNC supporting PoE
- Less than 20μs for 64-byte frames in Store and forward mode for 100Mbps to 100Mbps transmission
- 48~52VDC power input
- Operating temperature 0°C ~ 60°C

DESCRIPTION

The HNT-9601COX Ethernet over Coax Extender is a high-performance solution designed to simplify IP camera deployment over existing coaxial infrastructure. PD model supports IEEE 802.3af/at PoE standards on RJ45 port. PSE model support POC to power on PD model and data transmission up to 300 meters via RG59U coaxial cable—eliminating the need for new Ethernet wiring.

Equipped with one 10/100Mbps RJ45 PoE port and one BNC coaxial port, the device ensures stable, low-latency connectivity for surveillance systems. Its store-and-forward switching architecture enhances data reliability, while its robust design supports operating temperatures from 0°C to 60°C, making it ideal for both indoor and outdoor applications.

Whether upgrading legacy analog systems or extending IP networks in challenging environments, the HNT-9601COX delivers seamless integration, cost efficiency, and dependable performance.

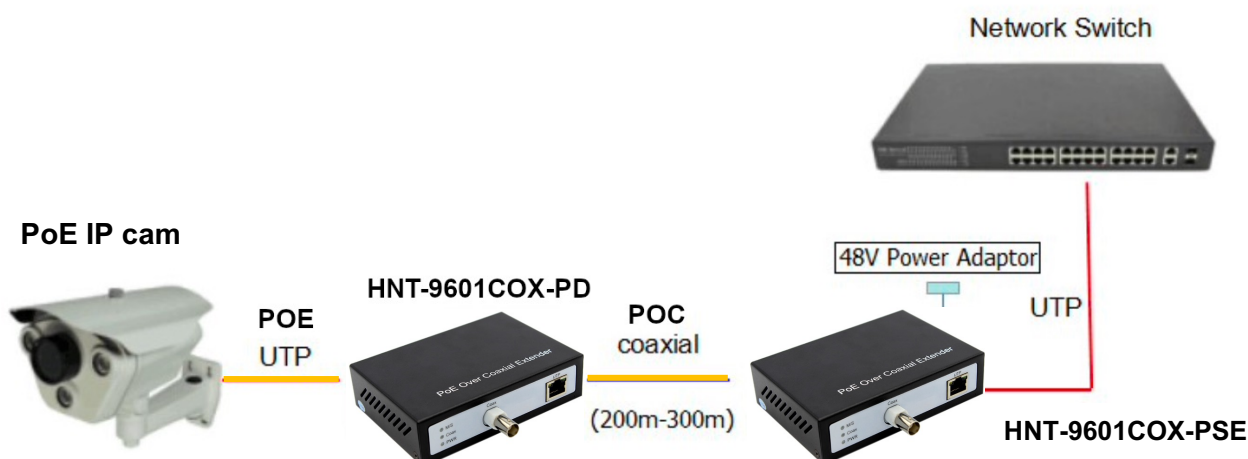
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SPECIFICATIONS

Technology	
Standards	IEEE 802.3i
	IEEE 802.3u 100BaseTX
	IEEE 802.3x Flow Control
	IEEE802.3af DTE Power via MDI
Processing Type	Store-and-forward
Interface	
RJ45 Port	1 x 10/100 Base-TX (Support IEEE 802.3af/at,-PD)
BNC	1 x BNC (Support POE,-PSE)
LED Indicators	PWR: Power Indicator Light; M/S: When the converter is in the "M" mode(PSE), the indicator light is on; when the converter is in the "S" mode(PD), the indicator light is off; COAX: When the coaxial connection is established, the indicator light is on; RJ45 Green: Blinking indicates data transmission; RJ45 Yellow: The light is on when POE is enabled.
BNC Transmission	Media: 75-5 coaxial cable, RG59 Distance: Max. 300m Max speed : 90Mbps(-A model); 45Mbps(-B model) Multicast: Support IGMP multicast protocol
Latency	Less than 20μs for 64-byte frames in Store and forward mode for 100Mbps to 100Mbps transmission
Operation Voltage	48~52VDC
Operating Temperature	0°C ~ 60°C
Store Temperature	-20°C ~ +70°C
Ambient Relative Humidity	10% ~90% (non-condensing)
Operation Voltage	44~56VDC
Dimensions	118x85x29mm (WxHxD)

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TOPOLOGY



ORDERING INFORMATION

- ✓ Please purchase in pairs to ensure optimal product performance and quality consistency.

Model Name	Description
HNT-9601COX-A-PSE	1*BNC support PoC +1*10/100M RJ45 port, LAN Ethernet over Coaxial Extender with POC function, BNC speed: 90M, 48-52VDC
HNT-9601COX-B-PSE	1*BNC support PoC +1*10/100M RJ45 port, LAN Ethernet over Coaxial Extender with POC function, BNC speed: 45M, 48-52VDC
HNT-9601COX-A-PD	1*BNC+1*10/100M RJ45 PoE port, LAN Ethernet over Coaxial Extender, BNC speed: 90M
HNT-9601COX-B-PD	1*BNC+1*10/100M RJ45 PoE port, LAN Ethernet over Coaxial Extender, BNC speed: 45M