

HNT-9603COX-X6NF | 1 Port 10/100 Power over Coax Extender



FEATURE HIGHLIGHTS

- 1x 10/100 Base-TX RJ45 port (supporting IEEE 802.3af/at at Slave/PD mode)
- 1x BNC (supporting POC at Master/PSE mode)
- Dip switch to switch working as Slave/PD or Master/PSE mode
- Operating temperature 0°C ~ 60°C

DESCRIPTION

The HNT-9603COX Ethernet over Coax Extender is a versatile solution designed to simplify IP camera deployment over legacy coaxial infrastructure. Supporting IEEE 802.3af/at PoE standards at Slave/PD mode. It enables both data and power transmission up to 300 meters via RG59 coaxial cable at Master/PSE mode—ideal for upgrading analog systems without re-cabling.

This compact device features one 10/100Mbps RJ45 port and one BNC coaxial port, with a built-in S/M dip switch that allows flexible operation as either a Master (PSE) or Slave (PD). Its store-and-forward architecture ensures reliable data delivery, while IGMP multicast support enhances performance in surveillance networks.

With robust temperature tolerance (0°C to 60°C), and intuitive LED indicators for power, link, and PoE status, the HNT-9603COX delivers dependable performance in demanding environments. It's a smart choice for extending IP networks over coax.

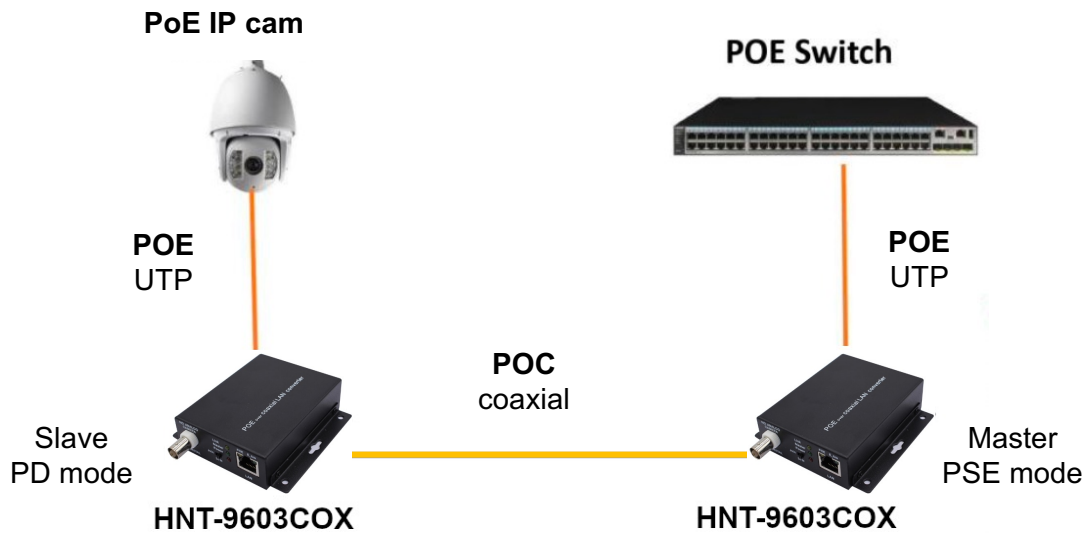
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SPECIFICATIONS

Technology e	
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, Slave/PD mode)
BNC	1 x BNC(Support POC, Master/PSE mode)
S/M Dip Switch	S: works as Slave/PD mode M: works as Master/PSE Mode
BNC Transmission	Media: 75-5 coaxial cable, RG59 Distance: Max. 300m Max speed : 90Mbps(-A model); 45mbps(-B model) Multicast: Support IGMP multicast protocol
Connector	POE: RJ45(25.5W:1,2,3,6) Ethernet: RJ45(1,2,3,6) Ground: Frame GND
LED Indicators	Master: ON->works as Master; OFF->works as a Slave Link: ON->RJ45 connected Power: ON->Power on RJ45 Green: FLASH->Data transmission RJ45 Yellow: ON->PoE enable, Flashing: voltage abnormal
Operating Temperature	0°C ~ 60°C
Store Temperature	-20°C ~ +70°C
Ambient Relative Humidity	0% ~95% (non-condensing)
Dimensions	94x71.4x26mm (WxHxD)
Weight	190g

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TOPOLOGY



ORDERING INFORMATIO

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

Model Name	Description
HNT-9603COX-A	1*BNC+1*10/100M RJ45port, LAN Ethernet over Coaxial Extender with POE/POC function, BNC speed: 90M
HNT-9603COX-B	1*BNC+1*10/100M RJ45port, LAN Ethernet over Coaxial Extender with POE/POC function, BNC speed: 45M (Elevator application)