



NM-5GPOE90BT

**IEEE 802.3bt 90W
5Gbps PoE++ Injector**



- **IEEE 802.3bt Type 4 Standard Compliant**
- **IEEE 802.3af/at Backward Compatible**
- **Up to 90W of Power Over 4-Pairs**
- **Plug-and-Play Installation**

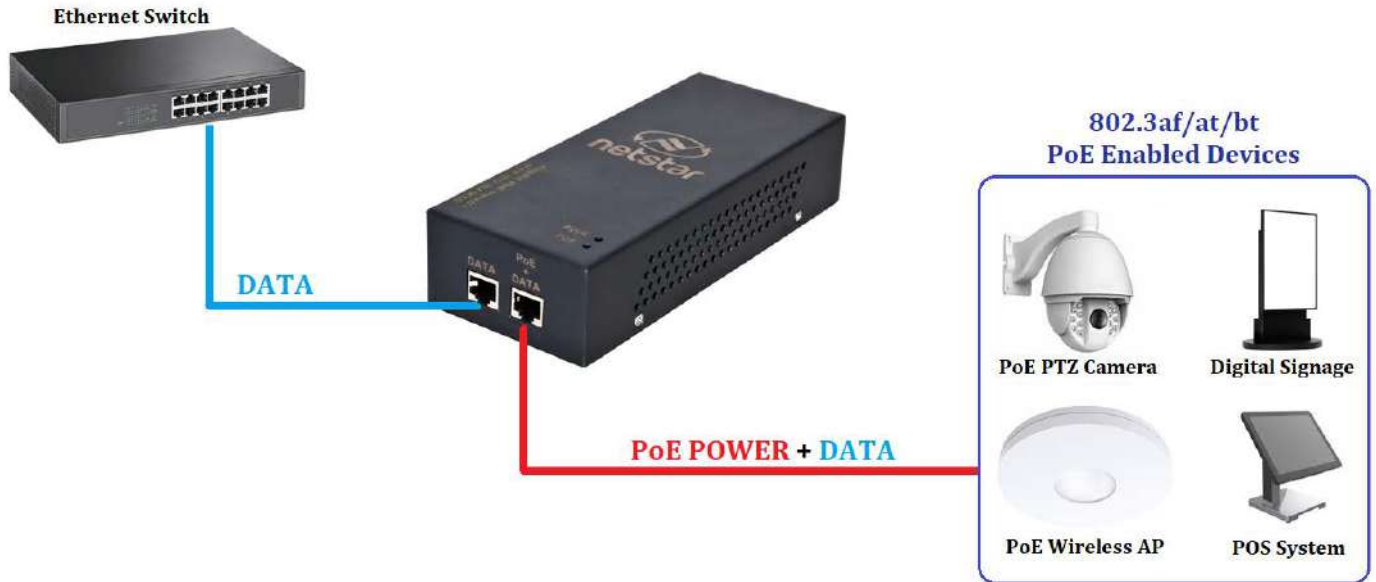


NETSTAR NM-5GPOE90BT is a single-port indoor PoE injector that can provide up to 90W of power based on the IEEE 802.3bt standard. It is used for remote powering of current as well as emerging high-power applications. The NM-5GPOE90BT is designed to power PoE-compliant devices such as IEEE 802.11ax access points, Pan-Tilt-Zoom (PTZ) and dome cameras, IP videophones, thin clients and other high-power Ethernet end terminals requiring up to 90W of power. The NM-5GPOE90BT is IEEE 802.3bt Type 4-compliant and is also backward compatible and safe to use with any IEEE 802.3af/at terminal such as VoIP phones, IP cameras and wireless LAN access points. The NM-5GPOE90BT allows users to flexibly deploy standard and high powered devices to transfer data and power simultaneously through one Ethernet cable. The NM-5GPOE90BT frees the security IP camera and wireless AP deployment from restrictions of power outlet locations and the additional AC wiring. It thus reduces cables and eliminates the need for electrical outlets on the wall, ceiling or any unreachable place, and most of all, it reduces installation time. With the midspan's plug-and-play installation, it is easy and cost effective to leverage existing Ethernet infrastructure while providing the assurance of a future-proof network.

TECHNICAL SPECIFICATION

Ethernet Connector	1 x 5Gbps DATA Port (Metallic RJ45 Port) 1 x 5Gbps PoE + DATA Port (Metallic RJ45 Port)
Input Voltage	100-264VAC @ 50/60Hz
Output Voltage	52~56VDC
Output Power	90W PoE over 4-pairs
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab IEEE802.3bt, IEEE802.3at, IEEE802.3af
Power Pin Assignment	Option 1 : 1/2 (-), 4/5 (+), 3/6 (+), 7/8 (-) Option 2 : 1/2 (+), 4/5 (+), 3/6 (-) 7/8 (-)
LED	PWR, PoE
Power Supply	Bult In AC-DC Power Supply
Protections	5kv Surge Protections on PoE Ports 5kv Surge Protections on Input Power Supply Input / Output Short Circuit Protections Output Short Circuit protections Overload Protections
Enclosure	Metal case
Operating Temperature	0°C ~ 55°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	5% to 95% (non-condensing)
Storage Humidity	5% to 95% (non-condensing)
Dimensions	194 x 81 x 44 mm
Net Weight	0.650Kg

APPLICATION DIAGRAM



ORDERING INFORMATION

Product Code	Description
NM-5GPOE90BT Option-1	IEEE 802.3bt Type-4 90W 5Gbps PoE++ Injector Midspan Power Pin : 1/2 (-), 4/5 (+), 3/6 (+), 7/8 (-)
NM-5GPOE90BT Option-2	IEEE 802.3bt Type-4 90W 5Gbps PoE++ Injector Midspan Power Pin : 1/2 (+), 4/5 (+), 3/6 (-), 7/8 (-)

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