

Active PoE to Passive PoE converter

- > Gigabit Ethernet 10/100/1000-BaseT
- > Perfect for outdoor use inside a NSBox
- > RJ45 Male Input 802.3af/at PoE 48-56VDC
- > RJ45 Female Output Passive PoE 24VDC

The NSBon-47 is a compact and cost effective Active PoE (48VDC) to Passive PoE (24VDC) converter. The input can accept any PoE that meets IEEE802.3af/at/bt standards from regular switches or injectors. The output is 24VDC Passive PoE up to 24W. Incorporating a compact, in-line design, they are perfect for outdoor use inside a weatherproof electrical enclosure.

NSBon-47 can be connected to any PoE port of Industrial switch located inside outdoor access Node NSBox by RJ45 male connector. It is compatible with auto-sensing and is recognized by PoE switch as a 802.3at/af PD device.

On the other side of the converter there is an RJ45 Female connector for connecting various devices powered 24VDC Passive PoE ranging from video camera, access point, and router (Ubiquiti UniFi, airMAX etc.). Pins 4,5 and 7,8 of the RJ45 Female connector are used for powering in PoE mode B. Maximum output power is 24W. NSBon-47 compatible with all 24VDC Passive PoE devices.

Technical Data

Input PoE Voltage: 48-56VDC (802.3af/at/bt)	Data Rate: 10/100/1000-BaseT Gigabit Ethernet
Output PoE Voltage: 24VDC Passive PoE	Ethernet Cable Compatibility: CAT5/ 5e, CAT6/ 6a
PoE IN Mode A EndSpan: 1/2 and 3/6 Pin assignment	Operating Temperature: 0°C to +50°C
PoE IN Mode B MidSpan: 4/5(+), 7/8(-) Pin assignment	Dimensions (L x W x H): 100 x 22 x 22 mm
PoE OUT Mode B MidSpan: 4/5(+), 7/8(-) Pin assignment	Maximum Output Power: 24W

Applications

Passive PoE Wireless devices and Video cameras
Ubiquiti UniFi and airMAX 24V Passive PoE devices



Ordering Information

NSBon-47 : PP24V24W: Active to Passive PoE Converter, Input 802.3af/at/bt PoE | Output 24V Passive PoE

NSBon-47d : PP24V24D: Active to Passive PoE Converter, Input 802.3af/at/bt PoE | Output 24V Passive PoE, DIN-rail mount