



# NV-202P

VDSL2 LAN extender with PoE

The NV-202P is our low cost LAN extension solution using the G.993.2 VDSL2 standard technology and providing up to 100Mbps symmetric using only a single copper wire pair. Designed specifically for a LAN to LAN extension and supporting both symmetrical and asymmetrical transmission at up to 100/100Mbps within 300 meters and 5/1Mbps at 3000 meters, this is a perfect solution to extend LAN with PoE for IP Surveillance or PoE powered devices at any location outside of the 100 meters reach.

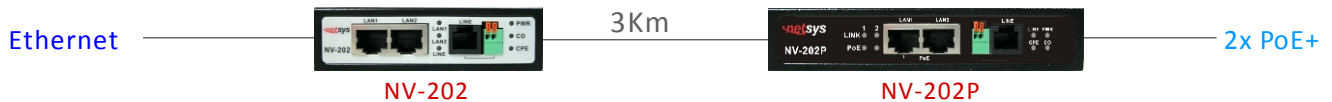
## Features

- Cost effective bridge function to connect two PoE LANs
- Auto-detect IEEE 802.3af/at equipment
- Supports mid-span PoE mode
- Compact size and DIN rail support
- Selectable CO and CPE mode via DIP switch
- Selectable target band plan
- Selectable fast and interleaved mode
- Selectable target SNR margin 9dB or 6dB

## Specifications

<b>LAN Interface</b>	Complies with IEEE 802.3 10Base-T 802.3u 100Base-TX, IEEE802.3af/at Connector: 2 x RJ-45 with PoE MTU: 1536 bytes	<b>Indicators</b>	LAN:Act/Link, PoE VDSL2: Act/Link, Line Mode: CO/CPE
<b>VDSL2 Interface</b>	Complies with ITU-T G993.2 Connector: RJ-11/Terminal block DMT Encoding/PTM Transmission On-board surge protection	<b>Power</b>	DC 48V via ACswitching adapter
<b>4-position DIP Switch</b>	Selectable CO or CPE mode Selectable Band plan Selectable target SNR Margin Selectable INP and interleave mode	<b>Power Output</b>	30W Maximum (power injector)
<b>Chipsets</b>	Metanoia	<b>Dimensions</b>	137 x 100 x 27 mm (5.39" x 3.94" x 1.06")
		<b>Weight</b>	423g
		<b>Temperature</b>	0~50°C (Operating), -20 ~70°C (Storage)
		<b>Humidity</b>	10 - 90% non-condensing
		<b>Certification</b>	CE, FCC, RoHS Compliant
		<b>MTBF</b>	50,000 hrs

## Application



## Ordering Information

Model Name	Description
<b>NV-202P</b>	VDSL2 LAN extender with PoE

\*Netsys reserves the right to change specifications without prior notice