



# NV-202

VDSL2 LAN extender

The NV-202 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 to buildings, hotels, hospitals or any location outside of the 100 meters reach of Ethernet UTP.

## Features

- Cost effective bridge function to connect two Ethernet LANs
- 100/100Mbps @ 300m (984ft)
- 5/1 Mbps @ 3km (9842ft)
- Compact size and DIN rail support
- Selectable CO and CPE mode via DIP switch
- Selectable fast and interleaved mode
- Selectable target band plan
- Selectable target SMR margin 9dB or 6dB

## Specifications

<b>LAN Interface</b>	Complies with IEEE 802.3 10Base-T and 802.3u 100Base-TX Connector: 2 x RJ-45 10/100Mbps MTU: 1536 bytes
<b>VDSL2 Interface</b>	Complies with ITU-T G993.2 Connector: RJ-11/Terminal block DMT Encoding/PTM Transmission On-board surge protection
<b>4-position DIP Switch</b>	Selectable CO or CPE mode Selectable Band plan Selectable target SNR Margin Selectable INP and interleave mode
<b>Chipset</b>	Metanoia

<b>Indicators</b>	LAN:Act/Link, Power VDSL2:Act/Link, Line Mode: CO/CPE
<b>Power</b>	DC 12V via AC switching adapter
<b>Power Consumption</b>	5W
<b>Dimensions</b>	95 x 110 x 27 mm (3.74" x 4.33" x 1.06")
<b>Weight</b>	About 0.34Kg
<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

Ethernet



NV-202

3Km



NV-202

Ethernet

## Ordering Information

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

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



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