# NV-202G

## 2 Giga LAN Over VDSL2 Extender with DIP Switch

NV-202G is an end to end solution using the G.993.2 VDSL2 standard technology and providing up to 160Mbps symmetric using only a single pair copper wire. Designed specifically or a LAN to LAN extension and supporting both symmetrical and asymmetrical transmission at up to 160/160Mbps 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

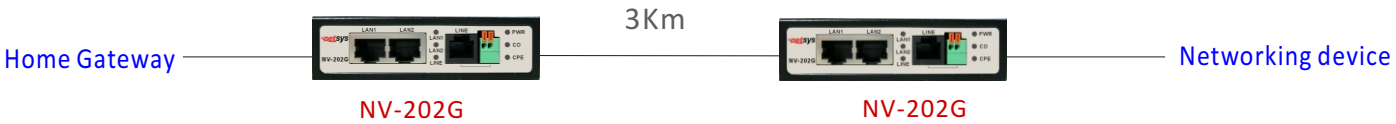
- Cost effective bridge function to connect two 10/100/1000 Base-T
- Supports long reach mode up to 3km
- Fully compatible with NV-202
- Supports vectoring function (NV-202T only)
- Built in surge protector
- Selectable CO and CPE mode by DIP switch
- Selectable 8 bands mode
- Supports G.INP for noise against
- Compact size and DIN rail support
- Support Wall-mounted & DIN rail installing

## Specifications

| | |
|---|---|
| **LAN Interface** | Complies with IEEE 802.3 10Base-T and 802.3u 100Base-T,<br>802.3ab 1000 Base-T<br>Connector: 2 x RJ-45 10/100/1000Mbps<br>MTU: 2000 bytes |
| **VDSL2 Interface** | Complies with ITU-T G993.2<br>Connector: RJ-11/Terminal block<br>DMT Encoding / PTM Transmission<br>On-board surge protector |
| **4-position DIP Switch** | Selectable CO / CPE mode<br>Selectable Band plan<br>Selectable INP / interleave mode |

| | |
|---|---|
| **Indicators** | LAN:Act/Link, Power<br>VDSL2: Act/Link, Line Mode: CO/CPE |
| **Power** | DC 12V/1A switching adapter |
| **Power Consumption** | 5W |
| **Dimensions** | 95 x 110 x 27 mm (3.74" x 4.33" x 1.06") |
| **Weight** | 0.34kg |
| **Temperature** | 0°C~50°C (Operating), -20°C~70°C (Storage) |
| **Humidity** | 10 - 90% non-condensing |
| **Certification** | CE, FCC, RoHS Complaint |

## Application




## Proper Installation

**Train and Metro Stations, Boat and Submarine, Parking system, Weather station, Amusement park, Farm, Jail, Oil Refinery, Telecom**

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