NV-202

VDSL2 Bridge with DIP Switch

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General Description

NV-202 is a VDSL2 single port bridge equipped with two 10/100Mbps Ethernet ports that provide an economical solution for commercial-grade applications. Compliant with ITU-T G.993.2 VDSL2 standard, the NV-202 supports a maximum bandwidth of up to 100Mbps symmetric in VDSL2 Profile (30a) solution. The NV-202 also supports both central office (CO) and customer-premises equipment (CPE) modes selectable through DIP Switch.

Since VDSL2 has the characteristic of higher bandwidth over shorter distances, the ideal architecture for Telcoms is to use fiber optic lines as the backbone and a VDSL2 line as the last mile into the home or office. With outstanding throughput, the NV-202 can complement a fiber network to offer the best solution for delivering Triple play(Video/Voice/Data) or home entertainment services.
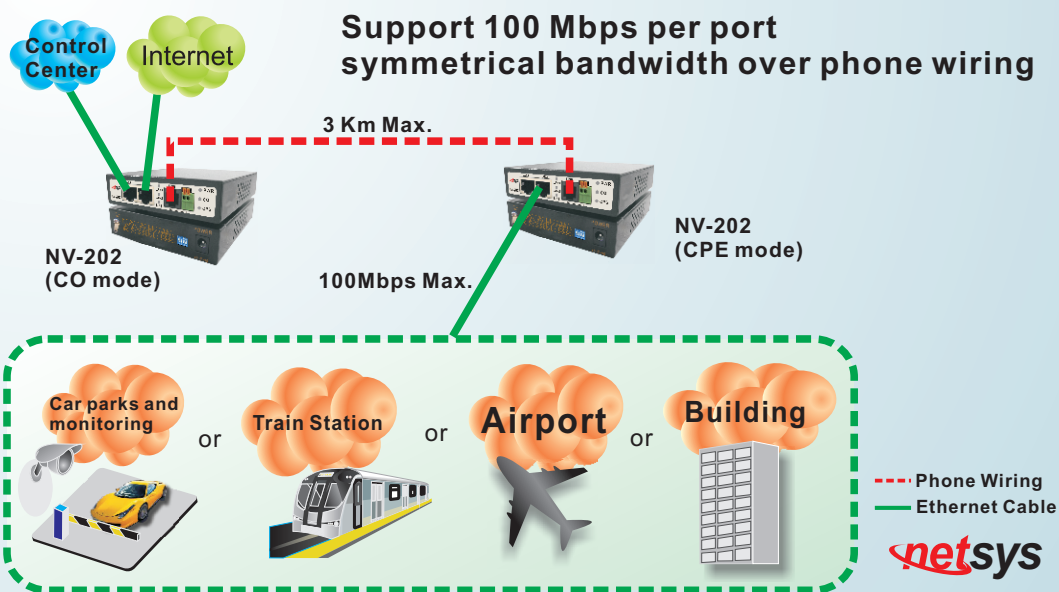
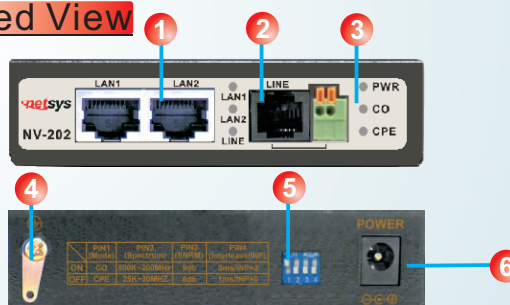## Compatible Product

NV-802S

- G993.2 VDSL2 Standard
- Symmetric 100Mbps
- Anti-Noise Interleave Delay

Application Diagram

Support 100 Mbps per port symmetrical bandwidth over phone wiring

Control Center

Internet

3 Km Max.

NV-202 (CO mode)

100Mbps Max.

NV-202 (CPE mode)

Car parks and monitoring   or   Train Station   or   Airport   or   Building

- - - - Phone Wiring
——— Ethernet Cable

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Detailed View

NV-202:
1. 10/100 Ethernet Ports
2. VDSL2 LINE Port
3. LED Indicators
4. Frame Ground
5. DIP Switch Configuration
6. DC Power Jack(DC 12V)

Order information: NV-202 (VDSL2 Bridge with DIP Switch)

For more product information, visit us on the web www.netsys.com.tw

NV-202

VDSL2 Bridge with DIP Switch

Key Features & Benefits

- Supports RJ-11/Terminal Block combo for Line port.
- Supports high bandwidth up to 100Mbps symmetric over Line ports
- Support long reach mode up to 3 km with 24 gauge phone wire
- Support auto speed for Line port and Interleave mode selectable through CO side DIP switch
- DIP switch with CO and CPE mode selectable
- Supports long packet size up to 1536 bytes
- Supports Surge protection
- Supports wall mounting
- Mini size and metal case design
- Supports point-to-point applications

Product Specification

Standard:	IEEE802.3/802.3u standard Compliant G993.2 VDSL2 standard
Physical Interface:	2 x RJ-45 10/100Mbps auto-negotiation Ethernet port 1 x RJ-11/Terminal Block connector for VDSL2 line port 1 x DIP Switch 1 x Power Jack
LED Indicators:	1 x Power LED 2 x Link/Active Status for Ethernet port 1 x Link LED for VDSL2 port 1 x CO Mode indicator LED 1 x CPE Mode indicator LED
Power Requirement:	Input Voltage: 12VDC / 1A
VDSL2 Line Code:	Discrete multitone (DMT) modulation
VDSL2 Transmission Mode:	Packet Transfer Mode (PTM)
Operating Temperature:	0°C~ 50°C (32°F ~ 122°F)
Storage Temperature:	-20 °C~ 70°C (-4°F ~ 158°F)
Humidity:	10 to 90% (non-condensing)
EMC:	EMI Compliant: FCC Class A EMS Compliant: CE mark
Dimensions:	95 x 110 x 27 mm (3.74" x 4.33" x 1.06")

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