



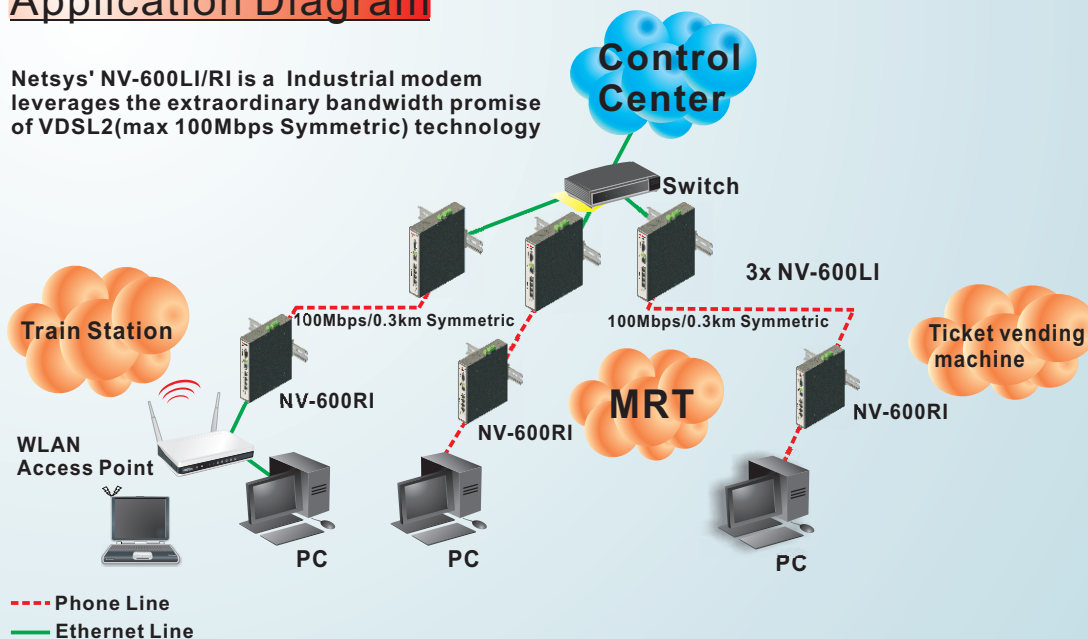
General Description

Netsys' NV-600LI/NV-600RI is a industrial of management VDSL2 modem that leverages the extraordinary bandwidth promise of VDSL2 (max. 100Mbps Symmetric) technology, the next step in the delivery of new high-speed Internet applications in industrial environments. In addition to use **DIN-Rail** design compliant with quick, easy, economical to install and maintain, the NV-600LI works with the NV-600RI over existing copper wire infrastructure. NV-600LI is a CO(Central Office) device while NV-600RI is a CPE (Customer Premise Equipment) device.

Netsys' NV-600LI/RI DIN-Rail and Industrial-grade design offers quick, easy, economical, and high-performance broadband/multimedia services to industrial environments such as Factory, MRT, Train station, Ticket vending machine, Parking system, Monitoring system and point to point applications.

Application Diagram

Netsys' NV-600LI/RI is a Industrial modem leverages the extraordinary bandwidth promise of VDSL2(max 100Mbps Symmetric) technology

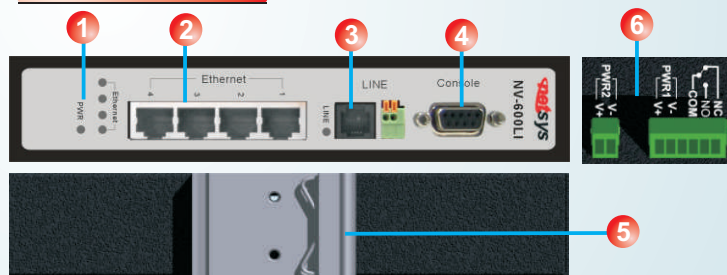


G993.2 VDSL2 Standards

Symmetric 100Mbps/0.3km

8 band profiles 17a,30a

Detailed View



NV-600LI/RI:

1. LED Indicators
2. 10/100 Ethernet Ports (E1-E4)
3. VDSL LINE Port
4. CONSOLE(115200)
5. DIN-Rail mounting
6. 24/48VDC dual power input with terminal block

Order information: NV-600LI (Industrial VDSL2 CO Router)
NV-600RI (Industrial VDSL2 CPE Router)

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

DATA SHEET

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Key Features & Benefits

- Supports auto speed for VDSL2 port
- Supports Web management (HTTP), TFTP
- Support uPnP/PPPoE/NAT/DHCP/DMZ/Firewall
- Support Route & Switch (Bridge) mode
- Supports Loop back test
- Supports SNR indicator for checking phone wiring quality
- Supports SNMP v1/v2/v3
- Supports Interleave Delay to prevent against noise and data errors
- Support 8a, 8b, 8c, 8d, 12a, 12b, 17a, 17b, and 30a band profile
- Support 997, 998 band plan
- Provides surge protection for VDSL2 port
- Support alarm contact (relay output - 1 A @ 24 VDC)
- Supports DIN-Rail mount installation
- Supports metal case design for IP30 protection
- EMI Compliant: FCC Part 15 Subpart B Class A, VCCI
- EMS Compliant: CE certified

Product Specification

Standard:	IEEE802.3/802.3u standard Compliant G993.2 VDSL2 standard
Physical Interface:	4 x RJ-45 10/100Mbps Ethernet port 1 x RJ-11 connector for VDSL2 port 1 x console port(RS232C/115200bps)
Max. Bandwidth:	Symmetric 100Mbps / 0.3km
LED Indicators:	1 x Power LED 4 x Link/Active Status for Ethernet port 1 x Link LED for VDSL2 port
Switch method:	Store and forward
Flow control:	Full-duplex: IEEE 802.3x Half-duplex: Back pressure
Typical Power Consumption:	NV-600LI:5.52W / NV-600RI:6.12W
Power Requirement:	Input: 24/48VDC, redundant power inputs A removable 6-contact terminal blocks A removable 2-contact terminal blocks Overload Current Protection: Present Reverse Polarity Protection: Present
Operating Temperature:	-20°C~ 70°C (-4°F ~ 158°F)
Storage Temperature:	-40 °C~ 70°C (-40°F ~ 158°F)
Humidity:	5 to 90% (non-condensing)
Dimensions:	186mm x 147mm x 35mm (7.3" x5.78 " x1.37 ")
Chipset:	Lantiq MIPS ADM5120P Lantiq VINAX

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