



NV-520G

Industrial 4 Giga LAN Over VDSL2 Extender with DIP Switch

Netsys' NV-520G is a VDSL2 port with 4 x10/100/1000Mbps ethernet ports. That provide an end to end solution for industrial applications.

NV-520G support high bandwidth up to 160Mbps symmetric and long reach transmission up to 3km, and also supports both Master and Slave modes selectable by DIP Switch.

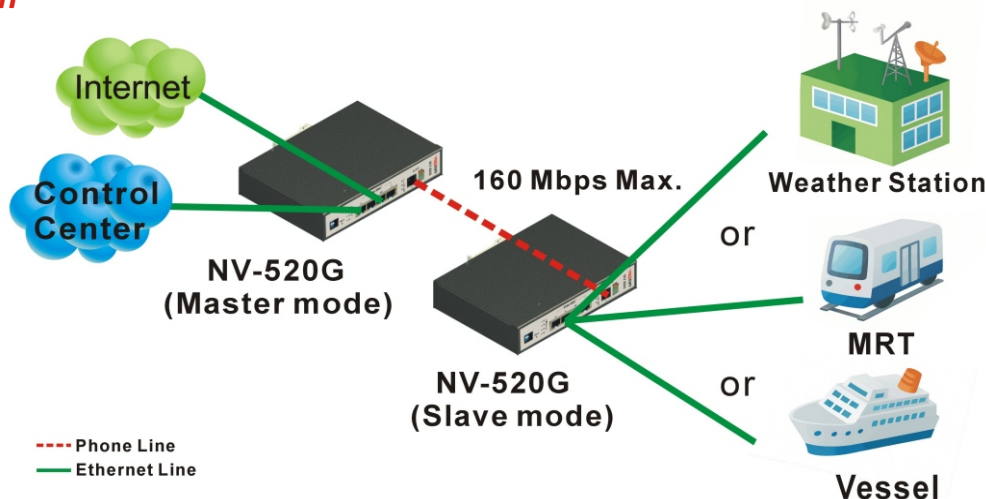
NV-520G's DIN-Rail and Power redundancy features offer quick, easy, safety wide range and high performance broadband / Triper play services to industrial environments such as Factory, MRT, Train station, Ticket vending machine, Parking system, Weather station, Monitoring system, Farm, Jail, Refinery, Passenger shipetc.

Features

- Supports high bandwidth up to 160Mbps symmetric over Line ports
- Support long reach transmission up to 3 km with 24 gauge phone wire
- Support auto speed and 8 profiles mode selectable by DIP switch
- Master and Slave mode selectable by DIP switch
- Supports Jumbo frame up to 2k bytes
- Built in Surge protector
- Support power redundant and wide range dual power input(DC12V ~ 48V)
- Supports G.INP for noise against
- Supports wide range operating temperature(-20°C~ 70°C)
- Supports Reverse Polarity Protection
- Supports alarm contact (relay output - 1A @ 24VDC)
- Supports DIN-Rail mount installation
- Metal case design and compliant with IP30 standard

Specifications

Standard	IEEE802.3/802.3u/802.3ab Ethernet standard G993.2 VDSL2 standards	VDSL2 Transmission Mode	Packet Transfer Mode (PTM)
Physical Interface	4 x RJ-45 10/100/1000Mbps Ethernet port 1 x RJ-11/Terminal Block connector for VDSL2 line port 1 x DIP Switch 1 x removable 6-contact terminal blocks for power1 and alarm contact 1 x removable 2-contact terminal blocks for power2	Typical Power Consumption	6W
LED Indicators	1 x Power LED 4 x Link/Active Status for Ethernet port 1 x Link/Speed LED for VDSL2 port 1 x CO Mode indicator LED 1 x CPE Mode indicator LED	Power Input	Input Voltage: 12V to 48VDC Input Current: 1A or above
VDSL2 Line Code	DMT modulation	EMC	EMI Compliant: FCC class A EMS Compliant: CE mark
Application		Operating Temperature	-20°C~ 70°C (-4°F~ 158°F) Fanless, free air cooling
		Storage Temperature	-40°C~ 70°C (-40°F~ 158°F)
		Humidity	5 to 95% (non-condensing)
		Dimensions	171mm x 121mm x 35mm (6.7" x 4.76" x 1.37")



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*Netsys reserves the right to change specifications without prior notice



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