NV-600LI/RI

Industrial VDSL2 CO/CPE Router

The NV-600LI/RI is our managed industrial Ethernet extension solution using the G.993.2 VDSL2 standard technology and providing up to 100Mbps symmetric using only a single copper wire pair that provides stable and reliable Ethernet transmission. Housed in metal DIN rail enclosures, these extenders are designed for harsh environments, such as industrial networking, intelligent transportation systems (ITS) and are also suitable for many military and utility market applications where environmental conditions exceed commercial product specifications. Wide operating temperature range models (-20 to 70°C) fulfill the special needs of industrial automation applications.
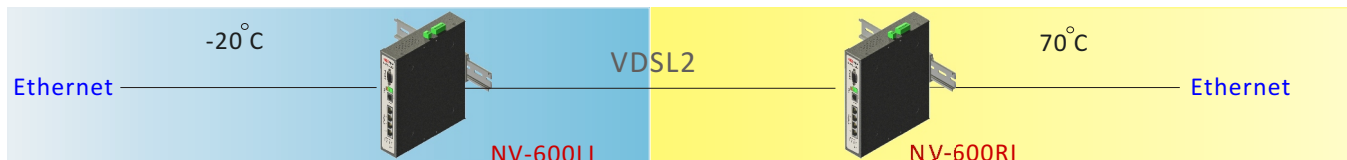
Features

- Redundant dual DC input power 12~48VDC
- Wide operating temperature -20~70°C
- Supports power failure alarm by relay
- IP30 metal housing and DIN rail support

- Supports up to VDSL2 profile 30a
- Supports up to 100 Mbps symmetric
- Security protection with firewall
- Supports Router and Bridge mode

Specifications

LAN Interface	Complies with IEEE 802.3 10Base-T and 802.3u 100Base-TX Connector: 4 x RJ-45 10/100 Mbps MTU: 1536 bytes	**Routing**	Application based filtering DHCP Server/Relay/Client IPv4 DNS Proxy and Relay, NTP Client	
VDSL2 Interface	Complies with ITU-T G993.2 Connector: RJ-11/ Terminal block DMT Encoding/PTM Transmission On-board surge protection	**Firewall**	Packet, URL filtering MAC address filtering Parental Control, DMZ Host	
Indicators	LAN: Act/Link, Power; VDSL2: Link	**Power Supply**	Redundant dual DC input power 12~48V (Removable Terminal Block)	
Certification	CE, FCC, RoHS Compliant	**Dimensions**	182 x 147 x 35mm (7.16" x 5.78" x 1.37")	
MTBF	50,000 hrs	**Weight**	0.8kg	
Chipsets	Lantiq(Infineon)	**Temperature**	-20 ~70°C (Operating), -40~70°C (Storage)	
		Humidity	5 - 95% non-condensing	

Application

Ethernet —— -20°C —— NV-600LI —— VDSL2 —— NV-600RI —— 70°C —— Ethernet

Ordering Information

Model Name	Description
NV-600LI	Industrial VDSL2 CO Router
NV-600RI	Industrial VDSL2 CPE Router

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*Netsys reserves the right to change specificatons without prior notice