



# NV-7001

## Managed Industrial VDSL2 CO/CPE Modem

The NV-7001 is a 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 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

- Dual DC input power Redundant 12~48VDC
- Wide operating temperature -20~70°C
- Adopts ARM Cortex A9 dual-core processor
- IP30 metal housing and DIN rail support
- Supports SNMP V1/ V2
- Supports RJ11 & Terminal Block combo port
- Supports Master/ Slave Mode selectable by Web config
- Supports Jumbo frame up to 2k
- Supports up to VDSL2 profile 30a
- Supports G.998.4 G.INP
- Supports IPV4/ IPV6 address
- Supports Dual Firmware Image Backup
- Supports on board surge protection
- Supports IGMP snooping V2/ V3
- Support SSL/ SSH/ TR-069

### Specifications

<b>Standards</b>	IEEE802.3 10Base-T IEEE 802.3u 100Base-TX Complies with ITU-T G993.2
<b>Physical Interface</b>	4x RJ-45 10/100Mbps 1x RJ-11 Line port 1x Terminal Block
<b>Indicators</b>	LAN: Power, Act/ Link VDSL2: Link Mode: Master / Slave LED
<b>Certification</b>	CE, FCC, RoHS Compliant
<b>Humidity</b>	5 - 95% non-condensing

<b>IP address QOS</b>	IPV4 / IPV 6 8 queue MFC / DSCP 802.1P VLAN priority
<b>Security</b>	SSL / SSH / TR069
<b>Power supply</b>	Dual DC input power Redundant 12~48V (Removable Terminal Block)
<b>Dimensions</b>	182x142x35.5 mm (7.16"x5.59"x1.39")
<b>Weight</b>	About 0.8kg
<b>Temperature</b>	-20~70°C (Operating), -40~70°C (Storage)

### Application

