

NB-301A 5.7Mbps LAN Extender



**ITUT G.991.2
Compliance**

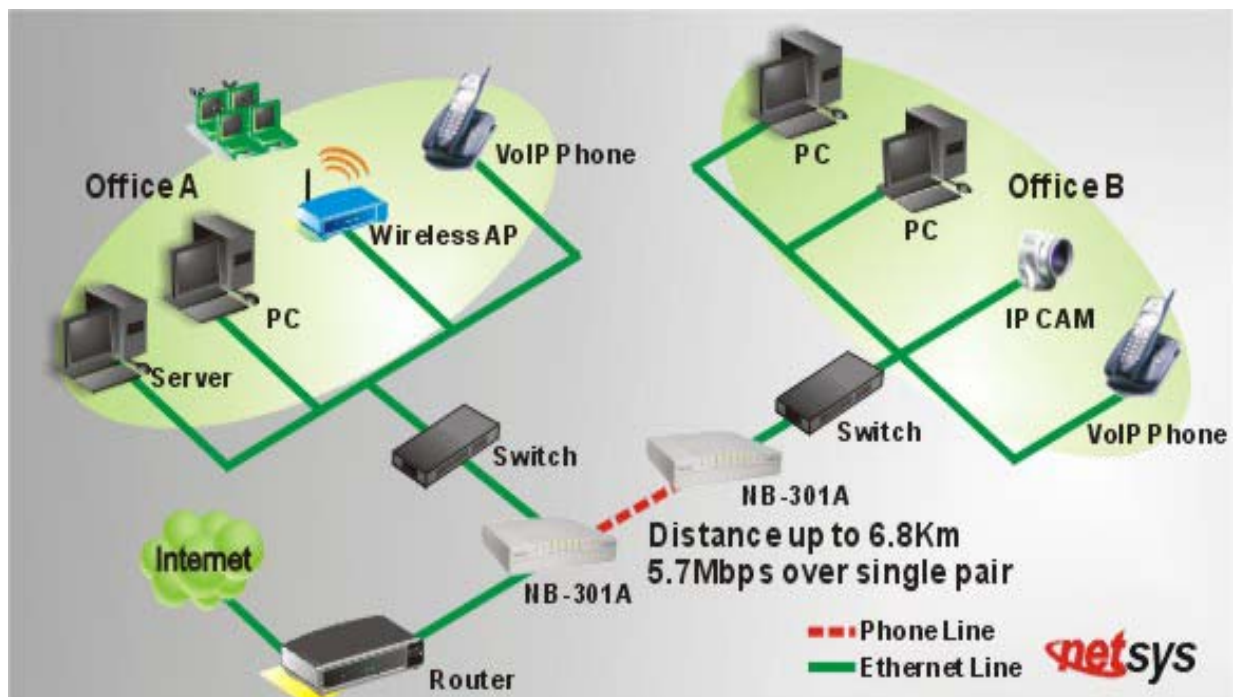
**Maximum Distance
up to 22000 ft**

**Rate range
64~5696Kbps**

General Description

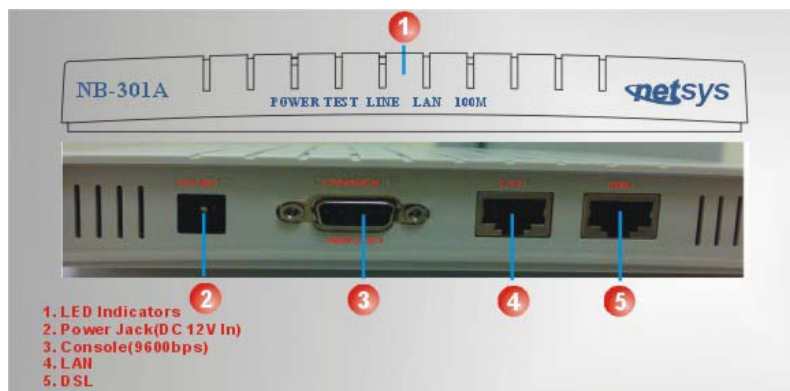
NB-301A (G.SHDSL bis LAN Extender) from Netsys provides Data rates of up to 5.7 Mbps, using G.SHDSL bis over a single pair copper line such as a BT Baseband Standard EPS 9, for point-to-point LAN connectivity between two sites. With its automatic rate adaptive features, the NB-301A has a longer transmission distance than older generation G.SHDSL LAN extenders. Users may also select a fixed data rate for the copper line ranging from 64 Kbps to 5,696 Kbps.

The NB-301A offers a cost effective solution for bandwidth-hungry applications, such as video-conferencing and is ideal for LAN-to-LAN connectivity, Internet Access, VoIP applications, etc.



Key Features & Benefits

- ITUT G.991.2 Compliance.
- G.SHDSL bis Line Code: TCPAM.
- Fixed Data Rate Selection from 64Kbps to 5696Kbps.
- Adaptive Multi Rate from 192Kbps to 4608 Kbps.
- Maximum Distance: 22000 ft over single pair.
- Auto MDIX for 10/100 Base T Ethernet LAN Ports.
- Console port for NMS Configurations.
- Effective solution for bandwidth-hungry applications.



Product Specifications

G.SHDSL bis Transmission:	ITU-T G.991.2 Compliance TCPAM-16 Level Line Code Rate: 64 Kbps ~ 5.696 Mbps RJ-45 Connector x 1
LAN Interface:	Auto-Detection for 10/100 Base T and Half/Full duplex High performance bridge for Ethernet extension Fully compatible with IEEE802.3/IEEE802.3U Automatic MDIX Function RJ-45 Connector x 1
LED Indication:	POWER: Power is ON TEST: NB-301A Self Test LINE: G.SHDSL Line connection status LAN: Data Activity of LAN Port 100M: LAN port is in 100M Ethernet connection
EMC Compliant:	CE, FCC
Environmental Protection Compliant:	RoHS
Operating Temperature:	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature:	-20°C ~ 70°C (-4°F ~ 158°F)
Humidity:	5 to 95% (non-condensing)
External Power Adapter:	Input: AC 100~220 volts/50~60Hz Output: DC 12V/1A
Weight:	About 0.83kg
Dimension:	154 x 139 x 31 mm