V100 ATA

ANALOG TELEPHONE ADAPTOR
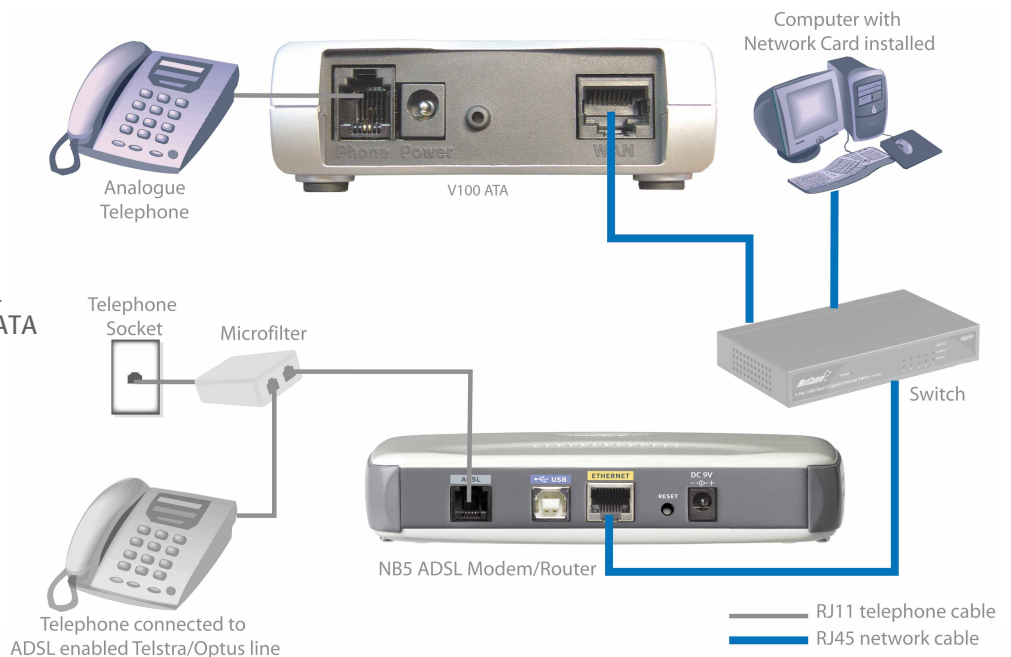
V100

› **Surf the Internet and make VoIP Calls with one Broadband Service.**

› **Simple to setup and connect.**

› **Low bandwidth consumption.**

› **Use a standard (POTS) telephone.**

› **Standard Telephone audio quality calls.**

› **Works with most Cable or DSL Services.**

NetComm's V100 VoIP Analog Telephone Adaptor (ATA) is designed for residential and business users to deliver industry standards telephony over the Internet. The V100 simply connects to a standard (POTS) telephone and a Cable or DSL/Modem Router to access a Broadband service. NetComm's V100 provides reliable, real-time Internet voice calls with the quality expected from normal telephone services. Combined with an appropriate VoIP service, long distance call charges can significantly be reduced or eliminated. The V100 is an ideal solution for toll-bypass, remote/branch office voice communication with the minimum of fuss.

›› This diagram illustrates using the NetComm V100 ATA with an ADSL connection. The NetComm V100 ATA works just as well with a Cable connection.

Computer with Network Card installed

Analogue Telephone

V100 ATA

Telephone Socket

Microfilter

Switch

NB5 ADSL Modem/Router

Telephone connected to ADSL enabled Telstra/Optus line

— RJ11 telephone cable
— RJ45 network cable

NetComm™

V100 ANALOGUE TELEPHONE ADAPTOR

TECHNICAL SPECIFICATIONS

WAN / LAN Interface

› Ethernet x 1   IEEE 802.3 10/100 Base-T, Auto-crossing

Analog Interface

› FXS x 1

Management

› SNMP, Telnet, Configuration backup and restoration, Software upgrade via TFTP client or FTP server

Security Functions

› PPPoE Authentication protocols   PAP, CHAP
› SIP Authentication method   MD5

Supporting Protocols

› IP, TCP, UDP, PPPoE, DHCP, FTP, TFTP, SNMP, Telnet, DNS

NAT Traversal

› STUN   (RFC 3489)

Voice Functions

› SIP   RFC 3261
› Codec   G.711, G.729ab*
* Note: G.729ab Codec can be replaced with G.723.1 upon special request.
› RTP(RFC1889)   Yes
› SDP(RFC2327)   Yes
› On/Off hook Caller ID   ETSI based*
* Caller ID is dependant display information sent by caller.
› AEC(Acoustic Echo cancellation)   G.168
› VAD/Silence suppression   Yes
› DTMF detection/generation   Yes

› CNG(Comfort Noise Generation)	Yes
› Out-band DTMF(RFC2833)	Yes
› Jitter Buffer	Yes
› Outbound Proxy(SIP)	Yes
› Caller ID Presentation	Yes
› Caller ID Restriction	Yes
› Call Transfer	Yes
› Direct IP Peer-to-Peer Call	Yes
› Call Waiting	Yes
› Call Hold/Resume	Yes
› Call Forward	Yes
› CFU (Call Forward Unconditional)	Yes
› CFB (Call Forward Busy)	Yes
› Phone Book	Yes
› Call Switch	Yes
› Ring Back Tone	Yes
› Busy Tone/ Dial Tone	Yes

LED

› Power, WAN, PHONE

Power Supply

› External power adapter 100 VAC~ 240 VAC 12VDC/1A

Environmental Conditions

› Operating temperature 0 ~ 50 degrees Celsius
› Relative humidity 5 ~ 90% (non-condensing)

Dimensions

› 96 mm (W) x 30 mm(H) x 115 mm (D)

Product Code: V100

1 YEAR WARRANTY

1 year warranty out of the box. Conditions apply. Please see your warranty card for more details.

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