



KEY FEATURES

- ⊙ Turbo Data Rates of up to 200Mbps
- ⊙ The ultimate Homeplug for Audio/Video Streaming and IPTV
- ⊙ Range of up to 200 metres (point to point) – thick concrete walls or multi-storeyed houses are no longer an issue
- ⊙ Extend or create an Ethernet network using existing household powerpoints
- ⊙ Superior bandwidth performance is great way to connect next gen gaming consoles to the Internet
- ⊙ No more wireless networking headaches
- ⊙ No new cables, no drilling. Plug and Play

The NetComm NP200AV HomePlug AV Ethernet Adaptor provides the perfect solution to support the rapidly emerging Internet Protocol Television (IPTV) and networked-video market that depends on plug-and-play ease of installation in homes and small offices. The NP200AV offers high speeds of up to 200Mbps for LAN networking with specific capabilities to serve applications including High Definition (HD) and Standard Definition (SD) video distribution, TV over IP (IPTV), networked digital video recorders (DVR) and media center PCs.

Offering LAN speeds of up to 200Mbps, the NP200AV offers one of the most simple and efficient methods to get the most of your high definition visual and audio content. With simple plug and play technology, the NP200AV units offer great flexibility to set up your triple play network with voice, video and data networking throughout the home or office.

Product Features

- Enables Triple-Play - voice, video and data networking throughout the home
- Plug & Play simplicity - No installation and configuration required*.
- Excellent Quality of Service (QoS) for media streaming
- AutoMDI/MDIX Ethernet Port ensure both cross or straight cable can be used
- Type F Coaxial Interface to further expand the network
- O/S independent and do not need PC for installation
- 128-bit AES Encryption ensures no security risk from eavesdropping or hacking



TECHNICAL SPECIFICATIONS

CHIPSET

- Intellion INT6000

SECURITY SUPPORT

- 128-bit AES Encryption

RANGE

- 200 meters via HomePlug

FREQUENCY BAND

- 2MHz -28MHz band

MODULATION SUPPORT

- OFDM 1024/256/64/16/8
- QAM
- QPSK
- BPSK
- ROBO

QUALITY OF SERVICE

- Forward Free Period (FFP) access with TDMA transmission
- CSMA/CA transmission and SACK/ARQ to maximise reliable packets delivery
- Four Level of priority, based on contention access and multi-segment
- ToS and CoS Packet Classifier
- Supports IGMP managed multicast session
- 30% Power Savings Mode

PLATFORM SUPPORT

- Utility - Windows98, SE, 2000 XP and Vista
- Homeplug - O/S Independent via TCP/IP protocol installed

LED INDICATION

- Power
- PowerlineLink/Activity
- Ethernet Link/Activity

EXTERNAL CONNECTORS

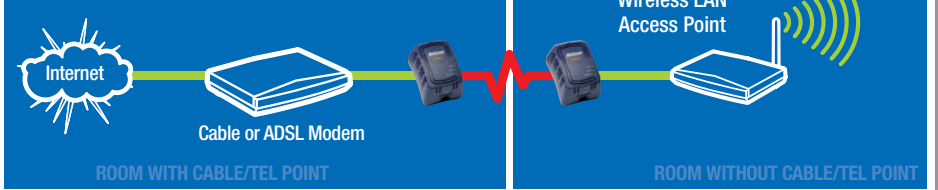
- x1 RJ45 10/100 AutoMDI/MDIx

APPLICATIONS

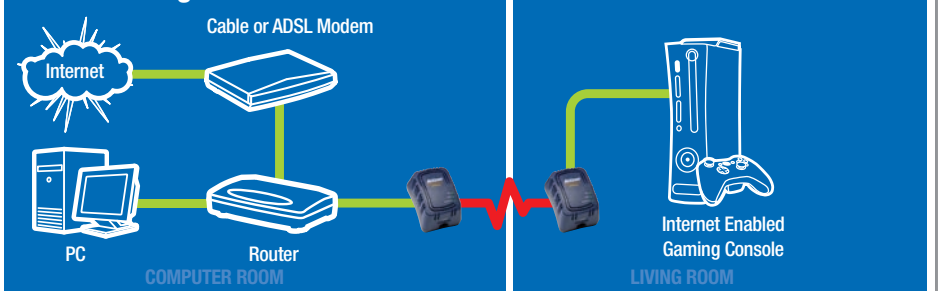
- High Definition (HD) and Standard Definition (SD) video distribution
- Broadband TV (IPTV)
- Digital Media Centre and Personal Video Recorder (PVR)
- A/V Streaming and higher data rate broadband Internet sharing
- DSL/Cable Modem Installation extender
- Voice over IP Calls
- PC File and Application sharing
- Printer and peripheral sharing
- Network and Online Gaming
- Network Camera LAN extension
- Wireless LAN Extension

Note: All HomePlugs must be on the same circuit

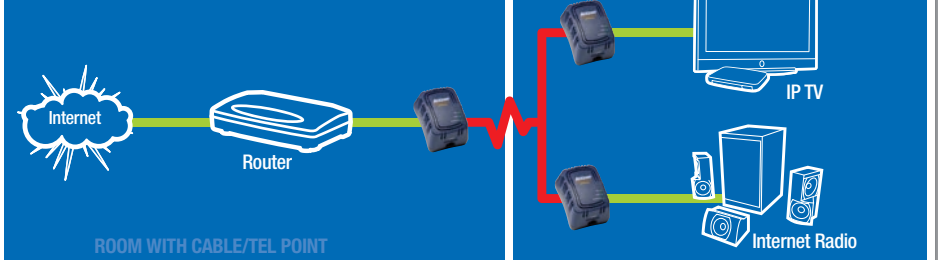
Wireless LAN



Online Gaming



Video on demand/ IP TV - Internet Radio



Media Streaming in multi-storey/big home

