# 3G Wireless N300 VoIP Router

**Perfect for**

- Turning your 3G/4G USB modem into a WiFi hotspot
- Reducing your phone call costs by utilising VoIP
- Sharing your single mobile broadband connection with multiple WiFi and wired devices
- Utilising the Ethernet port to connect to ADSL or Fibre broadband

## KEY FEATURES

- ⟩ Powerful wireless router with support for 3G Mobile Broadband and VoIP telephony
- ⟩ Creates instant Wireless hotspots to share the Internet connection of a 3G USB modem or DSL/Cable modem
- ⟩ FXS phone port for making cheap VoIP calls from a standard analogue or cordless phone
- ⟩ Supports Wireless N standard with data speeds up to 300 Mbps[1]
- ⟩ USB 2.0 host port supports 3G modems
- ⟩ Compatible with all 3G/Next G™/UMTS/ HSPA/ EV-DO USB modems from major ISPs
- ⟩ WAN port for alternate wired Internet connection (DSL/Cable/Satellite via Ethernet)
- ⟩ Four LAN ports to connect wired devices like PCs or gaming consoles
- ⟩ Ensures connectivity and business continuity with auto Internet failover from WAN port to 3G USB modem

## NetCommWireless

**3G18WV**

# SPECIFICATIONS

**DEVICE INTERFACE**
- 1 x USB 2.0 for 3G modems
- 1 x 10/100 RJ-45 WAN port
- 4 x 10/100 RJ-45 LAN ports
- 1 x RJ-11 FXS port for phone
- WPS button
- Reset button
- Power button
- Power jack

**WIRELESS LAN**

STANDARD
- o IEEE802.11n. Backwards compatible with IEEE 802.11b/g/a

SECURITY
- o WEP, WPA, WPA-PSK, WPA2, WPA2-PSK

FEATURES
- o WPS (Wi-Fi Protected Setup)
- o WDS (Wireless Distribution System)
- o WMM (Wi-Fi Multimedia)
- o 2 x 1.8 dBm di-pole antennas (1 internal, 1 external)

**WAN**

WIRELESS WAN
- o GPRS/EDGE/WCDMA/HSDPA/HSUPA/ CDMA2000/EVDO

ETHERNET WAN
- o PPPoE, DHCP client, Static IP, PPTP, L2TP

**VOIP**

PROTOCOL
- o SIP 2.0

VOICE COMPRESSION
- o G.711 – Alaw Voice compression
- o G.711- MuLaw Voice compression
- o G.726-32 Voice Compression
- o G.729AB Voice Compression
- o G.168 116 ms tail Line Echo Cancellation

CALL FUNCTION
- o Call Forward
- o Caller ID setting
- o Call Waiting
- o 3-way conference call
- o Hot line

**SECURITY**
- IP/Service Filter
- URL blocking
- MAC control
- DoS (Denial of Service) Protection

**ROUTING**
- Static Route
- Dynamic Route (RIP v1/v2)
- DMZ

**ADMINISTRATION**
- SNMP
- UPnP
- IGD
- Syslog
- Web-based UI
- Remote login
- Backup/restore settings

**PACKAGE CONTENTS**
- 3G18WV Router
- QSG
- Power Adapter
- 1 x RJ45 Ethernet Cable

**OPERATING TEMP**
- Temp – 0-40° C.  Humidity – 10-90% non-condensing

**STORAGE TEMP**
- Temp - -10-70° C. Humidity – 0-95% non-condensing

**COMPLIANCE**
- A-Tick

# 3G Wireless N300 VoIP Router

**3G/4G USB Modem** or **ADSL** (ADSL modem required)

1 x Voice Port

## Share your wireless broadband with multiple devices and make low-cost calls from an analogue phone

The NetComm 3G18WV is a feature packed device that provides high speed Internet using the mobile broadband connection of a 3G/Next G™ modem or a fixed line ADSL/Cable connection. The 3G18WV creates a personal Internet zone at your home or office and allows users to connect multiple wireless and wired devices to a single broadband account.

Simply plug in a compatible 3G/Next G™ modem and the 3G18WV will allow you to share the Internet connection with laptops, PCs, iPads, gaming consoles and smart phones.

The built-in Wireless N access point provides wireless data speeds up to 300 Mbps[1] and is also backwards compatible with devices that support Wireless G.

With the integrated VoIP telephony feature, the 3G18WV offers a highly cost efficient solution for making interstate or overseas calls utilizing the mobile broadband connection, especially in locations that lack fixed line infrastructure or as an alternative to traditional landline based Internet services. All the user requires is a traditional analogue/cordless phone and an activated account with a VoIP service provider.

The 3G18WV is ideal for many applications including, marine, small office voice and internet backup, call cost reduction, wireless local loop, data applications and home office use.

1    Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.