3G WiFi Router with Voice

Perfect for

- Full fixed line replacement. No fixed line rentals!
- Sharing a high speed broadband Inernet connection with multiple wired and WiFi devices
- Taking your phone connection with you - connect a standard phone to make calls over the cellular network
- Internet and phone access while you're on holidays
- Shifting all your Internet and phone requirements onto one mobile broadband account

KEY FEATURES

- Powerful and flexible fixed wireless router supporting various networks and service types
- Embedded 3G modem supporting peak downlink up to 21 Mbps / uplink up to 5.76 Mbps
- 802.11n WiFi access point with MIMO antenna technology
- Voice function – connect a standard analogue telephone for calls over the cellular network
- 2 x 10/100 Ethernet LAN ports for wired connectivity
- One of the LAN ports is configurable to function as an Ethernet WAN for alternate Internet connectivity (ADSL2+/Cable/Fibre)
- Redundant Connectivity - Automatic Internet failover to Wireless WAN when connection is lost through primary connection
- Management and configuration via web user interface from any computer or smart phone
- VPN pass-through support for secure connections over the public cellular network

NetCommWireless

3G38WV

3G WiFi Router with Voice

3G

2 x Voice Connections
(Calls over the cellular network)

2 x High Speed Wired Connections
(Computers, game consoles, media centres etc)
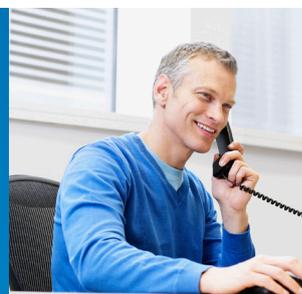
SPECIFICATIONS

HSPA+
- 850/900/1900/2100 MHz UMTS/HSDPA/HSUPA
- Up to 21 Mbps downlink (HSDPA Cat 14)
- Up to 5.76 Mbps uplink (HSUPA Cat 6)
- Quad-band EDGE/GPRS/GSM

WWAN INTERFACE
- 3G x 1

LAN INTERFACE
- 10/100 Ethernet x 2

PHONE INTERFACE
- RJ-11 FXS Phone Port (optional) x 2

WLAN
  STANDARD
  o IEEE802.11n, backward compatible with 802.11b/g
  ENCRYPTION
  o WEP, WPA, WPA2
  WLAN Data Rate
  - Up to 300Mbps
  ANTENNA system
  o 1 x External cellular main - removable multi-band 2dBi gain terminal mount omni antenna
  o 1 x Internal cellular diversity antenna
  o 2 x Internal 2.4GHz antennas for 802.11n WiFi

WAN CONNECTION
  PPP/IP
  o Yes
  ANTENNA Type
  o Internal 3G Antennas

MANAGEMENT
- Web based user interface (HTTP), Firmware upgrade via LAN, System Monitoring, Diagnostic Log Viewer

ROUTING FUNCTIONS
- WWAN (3G), PPPoE, DHCP Server/Client, Static Route, Dynamic DNS, NAT - Port Forwarding, DMZ, DNS Masquerading, RIP, PPP with PAP/CHAP, NTP

SECURITY FUNCTIONS
- Stateful Packet Inspection, Packet filtering, Denial Of Service protection, Management

AUTHENTICATION PROTOCOLS
- PAP, CHAP

VPN
- Pass-through PPTP, IPSec, SSL

LED
- Power, 3G, WiFi, Internet/WAN, LAN, Phone 1, Phone 2

POWER
- External power adapter
- DC in port: 12VDC

ENVIRONMENTAL CONDITIONS
  OPERATING temperature
  o 0 ~ 50 degrees Celsius
  RELATIVE humidity
  o 5 ~ 90% (non-condensing)
  DIMENSIONS and weight
  o 140 mm (L) x 132 mm (W) x 34 mm (H)
  o 240 grams
  REGULALTORY compliance
  o CE (Europe)
  o FCC (USA)
  o RoHS

PACKAGE INCLUDES
- 3G38WV Gateway
- 1 x 1.5M Ethernet cable
- 1 x external antenna
- 1 x 2M telephone (RJ-11) cable
- DC power adapter
- Quick start guide

The 3G38WV connects to a 3G network via a powerful antenna system and combines a 3G modem and a WiFi access point together in one unit. The router provides high speed connectivity to the Internet without any wires or cabling via the cellular/mobile network, and distributes the Internet around the home or office via the built in high speed WiFi access point.

With this device, you can instantly deploy Internet connectivity and telephone lines in a particular location for multiple users to access simultaneously. Users can connect devices such as Smart phones, tablets, notebooks or desktop computers easily and securely without wires using the built in WiFi access point, or alternatively via an Ethernet cable if a wired connection is preferred.

The 3G38WV integrates a powerful modem for 3G data downloads of up to 21Mbps. The built-in voice feature enables telephony for a full landline replacement. Standard analogue/cordless handsets (e.g. DECT base station) connected to the 3G38WV allow for phone calls over the 3G network to be made within seconds of powering on the device, anywhere, anytime.