3G WiFi Router with Voice

HIGH
MED
LOW
SIGNAL STRENGTH
SIGNAL
WWW
PHONE
LAN 4
LAN 3
LAN 2
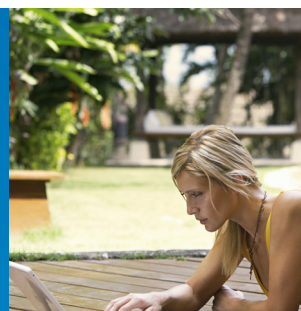LAN/WAN
WIFI
POWER

NetCommWireless

Perfect for

- A complete fixed line replacement. All your Internet and phone requirements can be moved onto a mobile broadband network.

- Sharing a single mobile broadband connection with multipe wired and WiFi devices

- A phone connection that can move with you - connect a standard phone to make and receive calls over the cellular network

- Internet and phone access while on holidays or as part of the holiday home

- Future-proofing for Fibre with the Gigabit WAN/LAN port

KEY FEATURES

- Powerful and flexible fixed wireless router supporting various networks and service types

- Embedded HSPA+ 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

- 3 x 10/100 Ethernet LAN ports

- 1 x Gigabit WAN/LAN port for alternate Internet connectivity (ADSL2+/Cable/Fibre) or connection to a high speed wired device (NAS)

- 2 x USB host ports supporting file sharing from a connected hard drive

- 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

- External MS-147 antenna connectors for optional use of high gain antennas

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3G22WV

3G WiFi Router with Voice

3G

USB File Share
(Music, movies and photos)

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

SPECIFICATIONS

HSPA+
- 850/900/1900/2100 MHz
- Up to 21 Mbps downlink
- Up to 5.67 Mbps uplink
- Quad-band EDGE/GPRS/GSM

WWAN INTERFACE
- 3G x 1

WAN INTERFACE
- Gigabit Ethernet x 1 (WAN/LAN)

LAN INTERFACE
- 10/100 Ethernet x 3
- 10/100/1000 Ethernet x 1 (WAN/LAN)

USB HOST
- USB host ports x 2

TELEPHONY
- RJ-11 FXS port x 1
- Circuit switched voice calling

WLAN
- MAC Address Filtering, WEP, WPA, IEEE 802.1X
  - STANDARD
    - o IEEE802.11n, backward compatible with 802.11b/g
  - ENCRYPTION
    - o WEP, WPA, WPA2
  - CHANNELS
    - o 11 Channels (US, Canada)
    - o 13 Channels (Europe, Australia)
    - o 14 Channels (Japan)
  - WLAN Data Rate
    - o Up to 300Mbps

WAN CONNECTION
  - PPP/IP
    - o Yes
  - ANTENNA Type
    - o Internal 3G Antennas
    - o External MS-147 antenna connectors

MANAGEMENT
- SNMP, SNTP, Web-based management, Configuration backup and restoration
- Firmware upgrade via HTTP

ROUTING FUNCTIONS
- Static route, NAT/PAT, DMZ, DHCP Client/Server/Relay, DNS Proxy, DDNS

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

AUTHENTICATION PROTOCOLS
- PAP, CHAP

VPN
- PPTP/L2TP/IPSec pass-through

LED
- Power, LAN 4, LAN 3, LAN2, LAN 1, WLAN, Internet, 3G, 2G, Signal Strength for Low, Mid and High LEDs

POWER
- External power adapter
- 100-240VAC to 12VDC /1.5A

ENVIRONMENTAL CONDITIONS
  - OPERATING TEMPERATURE
    - o 0 ~ 50 degrees Celsius
  - RELATIVE HUMIDITY
    - o 5 ~ 90% (non-condensing)

DIMENSIONS
- 191 mm (W) x 166 mm (H) x 31 mm (D)

The HSPA+ WiFi Router with Voice integrates a powerful module that enables users to connect to worldwide HSPA+ networks and enjoy peak speeds of up to 21Mbps downlink and 5.76Mbps uplink.

The router creates an instant 300Mbps WiFi network connecting up to 16 wireless devices simultaneously such as laptops, gaming consoles, iPad's and Smart Phones. You can also connect up to 4 wired devices and 2 USB 2.0 devices so you can connect and share computers and mass storage devices.

The Gigabit port is able to function as a LAN or WAN port. Connect a fixed line modem (ADSL, Fibre) for an alternative connection (WAN) or connect a high speed wired device (LAN)

The device also features 4 internal antennas: 2x WiFi antennas delivering speeds of up to 300Mbps and 2x 3G antennas. MS-147 antenna connectors on the rear of the router allow for optional connection to external high gain antennas. A powerful and secure local area network can be established at home, in the office or on the go.

*   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.

www.netcommwireless.com