HSPA+ WiFi Router

Perfect for

- Sharing a single mobile broadband connection with multipe wired and WiFi devices
- Creating an instant broadband network wherever you have mobile coverage
- High speed broadband for areas that cannot access a fixed ADSL, Cable or Fibre connection
- Temporary Internet access for when you're on holidays or on business trips
- Businesses who have a mobile workforce or need a back up Internet solution in case their fixed line connection goes down

KEY FEATURES

- ⊗ Powerful and flexible fixed wireless gateway supporting the AWS band
- ⊗ 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
- ⊗ 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

3G39W

HSPA+ WiFi Router

SPECIFICATIONS

HSPA+
- 850/AWS/1900/2100 MHz (HSPA+/HSUPA/HSDPA/WCDMA)
- 850/900/1800/1900 MHz (EDGE/GPRS/GSM)
- Up to 21 Mbps downlink (HSDPA Cat 14)
- Up to 5.76 Mbps uplink (HSUPA Cat 6)

WWAN INTERFACE
- 3G x 1

LAN INTERFACE
- 10/100 Ethernet x 2

WLAN
STANDARD
- o   IEEE802.11n, backward compatible with 802.11b/g

ENCRYPTION
- o   WEP, WPA, WPA2

WLAN DATA RATE
- o   Up to 300Mbps

ANTENNA SYSTEM
- 1 x External cellular main - removable multi-band 2dBi gain terminal mount omni antenna
- 1 x Internal cellular diversity antenna
- 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
- o   PAP, CHAP

VPN
- o   Pass-through PPTP, IPSec, SSL

LED
- Power, 3G, WiFi, Internet/WAN, LAN

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

ENVIRONMENTAL CONDITIONS
OPERATING TEMPERATURE
- 0 ~ 50 degrees Celsius

RELATIVE HUMIDITY
- 5 ~ 90% (non-condensing)

DIMENSIONS AND WEIGHT
- 133 mm (L) x 137 mm (H) x 34 mm (W)
- 250 grams

REGULALTORY COMPLIANCE
- PTCRB
- FCC
- IC
- RoHS

PACKAGE INCLUDES
- 3G39W Gateway
- 1 x 1.5M Ethernet cable
- 1 x external antenna
- DC power adapter
- Quick start guide

WWW

3G

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

The 3G39W connects to a 3G network via a powerful antenna system combining 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. The router 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 in a particular location for up to 16 users to access simultaneously. Users can connect multiple devices such as Smart phones, tablets, notebooks, or desktop computers easily and securely using the built in WiFi access point, or alternatively via an Ethernet LAN cable if a wired connection is preferred.

The 3G39W integrates a powerful radio modem for HSPA+ data downloads of up to 21Mbps and operates on the AWS frequency.

*   Speeds are dependent on network conditions and coverage. See coverage maps of your carrier or mobile service provider for more details.

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