The NetComm N3G002W is a 1-LAN-port/1-WAN-port broadband router with 3G PC card slot and USB Port. It is easily managed by web UI, SNMP and UPnP. SPI firewall is embedded in the product, and packet filtering and access control are also implemented.

It supports various connection approaches for the ISP such as static IP, dynamic IP (DHCP client), dynamic IP with Road Runner Session Management, PPPoE, unnumbered PPPoE, unnumbered PPPoE+NAPT, MultiSession PPPoE, L2TP, PPTP, and 3G.

* PC Express cards require the use of a PC Express to PCMCIA cradle, not supplied

**KEY FEATURES**

- **WAN Port** for backup to either ADSL or Cable Broadband Service
- **LAN interface** for wired connection to your PC or Laptop
- Compatible with UMTS/HSDPA/EV-D0/3G/Next G/PCMCIA or PC Express* Cards and USB Modems
- Built-in NAT function: allows multiple PCs and devices to share one Internet connection
- Built-in firewall
- **VPN support:** pass through of PPTP, L2TP, and IPSec
- Easy to manage: using Web for system management
- Easy to setup: Web based configuration

**LED Indicator**

<table>
<thead>
<tr>
<th>LED</th>
<th>Function</th>
<th>Color</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3G</td>
<td>System status</td>
<td>Green</td>
<td>Blinking</td>
<td>Indicates system is alive.</td>
</tr>
<tr>
<td>LAN</td>
<td>Link status</td>
<td>Green</td>
<td>On</td>
<td>An active station is connected to the corresponding LAN port.</td>
</tr>
<tr>
<td>WAN</td>
<td>WAN port activity</td>
<td>Green</td>
<td>On</td>
<td>The WAN port is linked.</td>
</tr>
<tr>
<td></td>
<td>Blinking</td>
<td></td>
<td></td>
<td>The WAN port is sending or receiving data.</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>Wireless activity</td>
<td>Green</td>
<td>Blinking</td>
<td>Sending or receiving data via wireless interface</td>
</tr>
</tbody>
</table>

* PC Express cards require the use of a PC Express to PCMCIA cradle, not supplied
Unleash the power of your 3G/Next G PCMCIA, PC Express Card or 3G/Next G USB Modem to set up a wireless network wherever you need it.

The NetComm N3G002W 3G Wireless Router allows you to share your 3G service with any wireless enabled desktop or laptop computer. Using your 3G Card or 3G USB Modem you can now set up a wireless network to share internet access in areas where previously unavailable. Remote offices can use a single 3G connection to create a wireless network that can be shared between all users without having to constantly swap the card between multiple computers.

Simply plug a 3G card or 3G USB Modem into the N3G002W and you’re on your way to creating your network. After a simple set-up process with the built in web based configuration you’re ready to share your internet access.

The N3G002W protects devices on your network by employing an advanced SPI Firewall with the added safety of WEP, WPA or WPA2 for Wireless security. The N3G002W also has security for users who need to connect to a remote office using a VPN connection with support for VPN pass-through for PPTP, L2TP and IP Sec Tunnels.

- Robust built-in Firewall to protect your privacy
- VPN pass-through support (PPTP, L2TP and IPSEC)
- Browser based interface for configuration and management
- Compatible with UMTS/HSDPA/EV-DO/3G/Next G/PCMCIA Cards and USB 3G/Next G™ Modems
- Feature rich routing functions

**TECHNICAL SPECIFICATIONS**

**Hardware**
- ARM926E(SD)0000 (32bit 500) – CPU+MAC SOC
- Memory - Flash 4MB – SDRAM 32MB
- WAN Port - IEEE 802.3 - 1 x 10/100 BaseT port
- LAN Port - IEEE 802.3 - 1 x 10/100 BaseT port
- LED - M1/WAN/LAN/Wi-Fi
- Reset Button
- 1x USB 2.0
- Detachable Antenna

**Wireless**
- MAC/BB
- IEEE 802.11b/g compliant
- Output Power
  - 802.11g: 14dbm
  - 802.11b: 17dbm
- Sensitivity
  - 802.11g: -72dbm @54M
  - 802.11b: -86dbm @11M
- Data Rate
  - 802.11g: 6/9/11/12/18/24/36/48/54Mbps in 802.11g mode
  - 802.11b: 1/2/5.5/11Mbps in 802.11b mode
- Auto fallback
- Frequency
  - 2.4-2.483GHz
- Modulation
  - 802.11g: DSSS / BPSK / QPSK / CCK
  - 802.11b: OFDM / DSSS / BPSK / QPSK / CCK
- Access Mode
  - CSMA/CA
- Antenna
  - 1.80 dBi Detachable Antenna
- Range Cover
  - Per cell indoors approx. 35-100 meters
  - Per cell outdoors up to 100-300 meters
- Number of Channels
  - Europe/Australia/ETSI: 2.412–2.472GHz (13 Channels)
- Security
  - WEP/64/128bit
  - WPA/PSK
  - WPA/WPA2
  - TKIP
  - MAC address filtering
  - AES

**Networking and Features**

**Access Control**
- Domain Filter
- Packet Filter
- URL Blocking

**Firewall**
- DoS
- IDS/IPS
- NAT/Firewall
- SPI

**General**
- DDNS
- DHCP Server
- Proxy DNS server
- System Time

**Internet Connections**
- Connection Control
- WAN Backup

**WAN Type**
- Static
- DHCP
- 3G
- L2TP
- PPTP
- PPPoE

**IP Routing**
- ICMP
- RIP v1 & RIP v2
- Static Routing

**NAT**
- DMZ Host
- One-To-Many NAT
- VPN Pass-through
- NATAP
- Virtual Computer
- Virtual Server

**Security**
- CGI-based authentication
- MAC control
- HTTP-based Authentication Login Password

**UI & Management**
- Administration Idle Timeout
- UpTimes
- Browser-based Interface
- Email Alert
- Firmware Upgrade
- Remote Management
- SNMP
- Systag

**Dimensions**
- 129.1 * 124.3 * 32 mm

**Weight**
- 0.5 Kg

**Compliance**
- CE, FCC, UL, C-Tick

**Operating Environment**
- Temperature: 0 to 50°C
- Humidity: 20 to 95% (non-condensing)

**Power Rating**
- 5VDC 3amps

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