



## 3G WLAN ROUTER

### Applications Diagram

- Compliant with SPA+, HSUPA, HSDPA, UMTS, EDGE, GPRS, or GSM
- 802.11n AP(backward compatible with 802.11b/g)
- Up to 300Mbps wireless operation rate



### Description

The 3GR-C3500N is a leading router that integrates 3G with HSPA+ connectivity and Wi-Fi hotspot into one unit, providing a throughput up to 7.2 Mbps. Simply insert a SIM card to enable the use of HSPA+, HSUPA, HSDPA, UMTS, EDGE, GPRS, or GSM Internet connection, which allows you to watch movies, download music on the road, or access e-mail where fixed Internet connection is not accessible

Four 10/100 Base-T Ethernet ports are integrated for providing wired LAN connectivity with an integrated 802.11n WiFi WLAN Access Point (AP) for wireless connectivity.

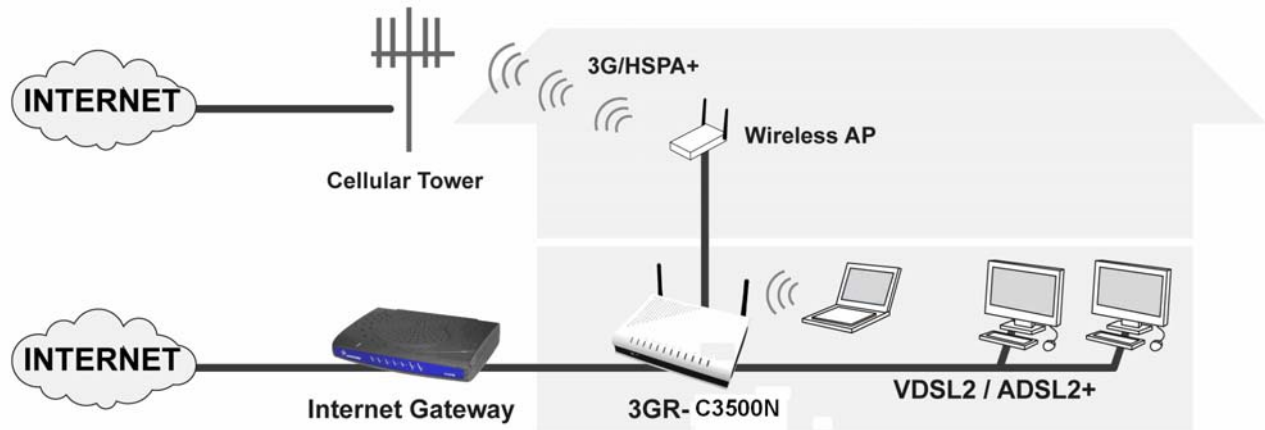
The 3GR-C3500N is a cost-effective solution designed for meeting the needs of ISPs and carriers who intend to use one Ethernet WAN to connect with broadband gateway devices. The use of only one device saves costs for the TCO of ISP and carrier while simultaneously providing valuable services without having the need for an upgrade.

### Features

- . Compliant with SPA+, HSUPA, HSDPA, UMTS, EDGE, GPRS, or GSM
- . UPnP
- . Integrated 802.11n AP(backward compatible with 802.11b/g)
- . Up to 300Mbps wireless operation rate
- . WPS, WEP, WPA and 802.1x
- . Multi SSID and broadcasting hidden support
- . Packet and URL filtering
- . Static route, RIP/RIPv2 routing functions
- . 3G/3.5G Management Center support
- . IP QoS
- . WiFi Alliance WMM support
- . Proxy, Java, ActiveX Filter support
- . NAT/PAT, Internet NAT Redirection, DMZ
- . Supports SPI, DoS attack and Ping of Death
- . IGMP Proxy and snooping
- . DHCP Server/Relay/Client
- . SNTP, DNS relay and DDNS
- . IPv6 DNS Proxy support
- . IPSec, PPTP, L2TP Pass-through support
- . SNMP v1/v2c support
- . Web-based management
- . Supports remote administration, automatic firmware upgrade and configuration
- . Configuration backup and restoration
- . FTP server
- . SPI Firewall Protection support



**Application**



**Specification**

Hardware Interface	RJ-45 X 4 for LAN (10/100 Base-T), RJ-45 X 1 for WAN (10/100 Base-T) Reset Button X 1 WPS button x1 Wi-Fi On/Off button x 1 Wi-Fi Antennas X 2 Power switch X 1 USB2.0 Host X1(optional)
3G Module built-in	GSM/EDGE: 850MHz,900MHz,1800MHz,1900MHz UMTS: 850MHz,1900MHz, 2100MHz HSDPA Speed: Cat. 8/ 7.2Mbps HSUPA Speed: Cat. 6/ 5.8Mbps AT Commands: 3GPP 27.007 specification support 3G/3.5G APN Code: Support 3G/3.5G PIN Code: Support



LAN	<p>Standard: IEEE 802.3, IEEE 802.3u</p> <p>10/100 BaseT: Auto-Sense</p> <p>MDI/MDX support: Yes</p>
USB(optional)	<p>USB: 1* USB 2.0 Type A for 3G/3.5G dongle (optional)</p>
WLAN Interface	<p>Standard: IEEE802.11n (2T2R), backward compatible with 802.11g/b</p> <p>Encryption: 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption</p> <p>Channels: 11 Channels (US, Canada) / 13 Channels (Europe) / 14 Channels (Japan)</p> <p>Data Rate: Up to 300Mbps</p> <p>MAC address filtering, WEP, WPA, IEEE 802.1x</p> <p>Multiple SSID, WDS, 20/40MHz channel bandwidth output power level can be selected according to the environment</p>
Management	<p>Web Setup Wizard</p> <p>HTTP, HTTPS Access support</p> <p>Remote FW upgrade</p> <p>Allowed Remote IP Access</p> <p>Remote Management Port support</p> <p>SNMP v1/v2c support</p> <p>3G/3.5G Management Center support</p> <p>Log View</p> <p>Ping Test</p> <p>Factory Defaults</p> <p>WEB FW Upgrade Support</p>
Bridge Functions	<p>Transparent bridging and learning: IEEE 802.1d</p> <p>VLAN Transparent: Yes</p> <p>Spanning Tree Algorithm: Yes</p> <p>IGMP Proxy: Yes</p>
Routing Functions	<p>Static route,</p> <p>RIP and RIPv2</p> <p>NAT/PAT</p> <p>DHCP Server/DHCP Relay</p> <p>DNS Proxy</p> <p>DDNS,DMZ</p>
Security Functions	<p>Authentication protocols</p>



	PAP, CHAP  TCP/IP/Port Filtering rules  Port Triggering/Forwarding  Packet and MAC Address filtering, access control
QoS	IEEE 802.11e
Application Pass-through	PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc
Power Supply	External power adapter  Input: AC100-240V, Output: DC12V / 1.5A
Environment Condition	Operating temperature: 0 ~ 50 degrees Celsius  Relative Humidity: 0~95% (non-condensing)
Dimensions	205 mm (W) x 48 mm (H) x 145 mm (D)
Kit Weight (1*3GR-3510, 1* RJ-45 cable, 1* Power Adapter, 1* CD-ROM)	1 KG