

# WADB-100G

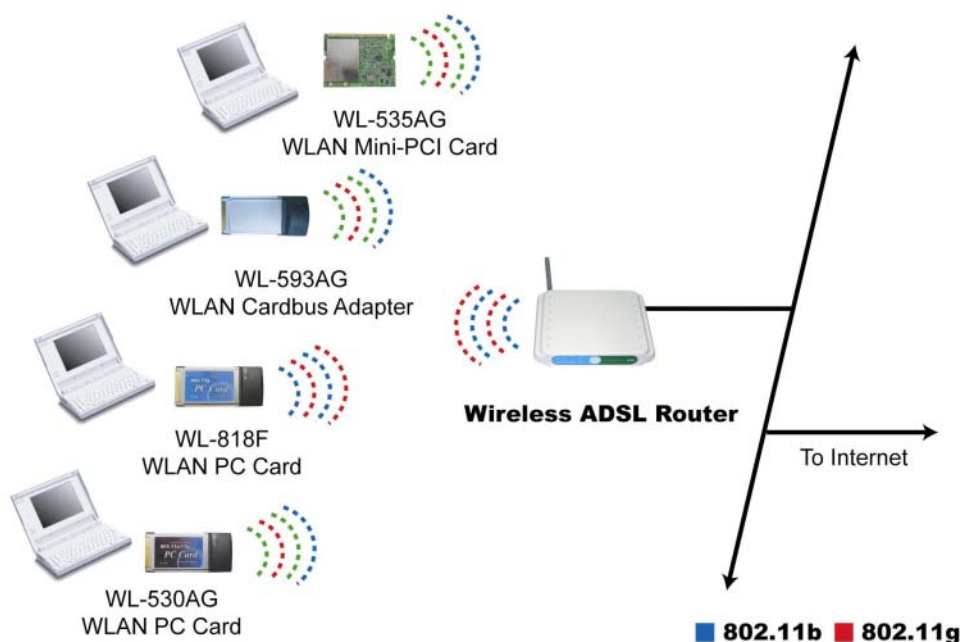
## 11G Wireless ADSL2/2+ Router



- Fully compliant with ANSI T1.413 Issue 2, ITU G.992.1, ITU G.992.2, ITU G.992.3, ITU G.992.5 and ITU G.994.1
- Fully compliant with Wi-Fi / 802.11b Client Devices
- Delivering the fastest possible data rate defined by the 802.11g specification
- Support 802.1X enhanced security with EAP-MD5 and EAP-TLS framework
- IP sharing feature allows multiple stations to access the internet using a single broadband
- System configuration and firmware upgrades available via web browser

Gemtek WADB-100G 11G Wireless ADSL2/2+ Router allows you to share the single account of Internet Access. With build-in NAT, this Router allows up to 253 users on the Ethernet LAN simultaneously and up to 16 users on the 802.11g/b Wireless LAN simultaneously. 802.11g is the standard with throughput speeds of up to 54Mbps and advanced Orthogonal Frequency Division Multiplexing (OFDM).

In case of home usage, WADB-100G acts as a gateway for Internet connection sharing. You can connect the Wireless ADSL Router to your Internet connection directly, and use the wireless LAN to connect your computers to the Internet.



With a web-based UI ( User Interface ), the WADB-100G is easy to setup and maintain. All functions can be configured with the UI via web browsers.

# General Specifications

<b>Product Name</b> 11G Wireless ADSL2/2+ Router	<b>Gateway</b> NAT, DHCP server, Port forwarding, Firewall 802.1d Spanning Tree Protocol (STP)
<b>Model Number</b> WADB-100G	<b>Security</b> 64/128-bit WEP 802.1x (port-based security with RADIUS) MAC address filtering Association Clients Control
<b>Spreading</b> 802.11b : DSSS 802.11g : OFDM	<b>WPA / WPA-PSK (TKIP, AES, TKIP+AES)</b>
<b>Frequency Range</b> 2.4GHz~2.4835GHz (subject to local regulations)	<b>LED Indicators</b> WLAN Activity ( LINK / ACT ) PPP Session / DSL Link ENET LAN Activity ( LINK / ACT )
<b>Number of Channels</b> USA, Canada and Taiwan – 11 Most European Countries – 13	<b>USB</b> Power
<b>Data Rate</b> 802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps	<b>Antenna</b> 2dBi gain
<b>Transmit Power</b> +17dBm (Maximum) for WLAN +14dBm (Maximum) for ADSL	<b>Dimension</b> 176 mm x 137 mm x 27 mm
<b>Standards</b> IEEE 802.11b/11g for Wireless LAN IEEE 802.3 for Wired LAN ANSI T1.413 Issue II for ADSL ITU G.992.1 ( G.DMT ) for ADSL ITU G.992.2 ( G.lite ) for ADSL ITU G.992.3 ( ADSL2 ), Annex J,K ( SADSL ), Annex L (RE-DSL) ITU G.992.5 (ADSL2+) ITU G.994.1 ( G.HS ) for ADSL	<b>Weight</b> 525 g (Router only)
<b>Network Protocol</b> TCP/IP, IPX/SPX, NetBEUI, DHCP Client RFC2684 Bridged IP over ATM RFC2684 Routed IP over ATM RFC1577 Classical IP over ATM RFC2364 PPP over ATM AAL5 RFC2516 PPP over Ethernet AAL5 UBR & CBR	<b>Ports</b> RJ-11 /45 ADSL WAN Port (Gray) 10/100 Mbps wired LAN*4 (Yellow) (Automatic MDI/MDI-X crossover) USB 1.1 Device Port (Blue)
	<b>Temperature Range</b> 0~40°C(operating), -20~65°C (storing)
	<b>Humidity</b> 15%~95%
	<b>Power Adapter</b> Input: AC 120/230V, 0.165A, 60/50Hz Output AC 16V, 0.8A