



WVADB-103G

High-Speed Wireless 11G ADSL2+ with VoIP Gateway

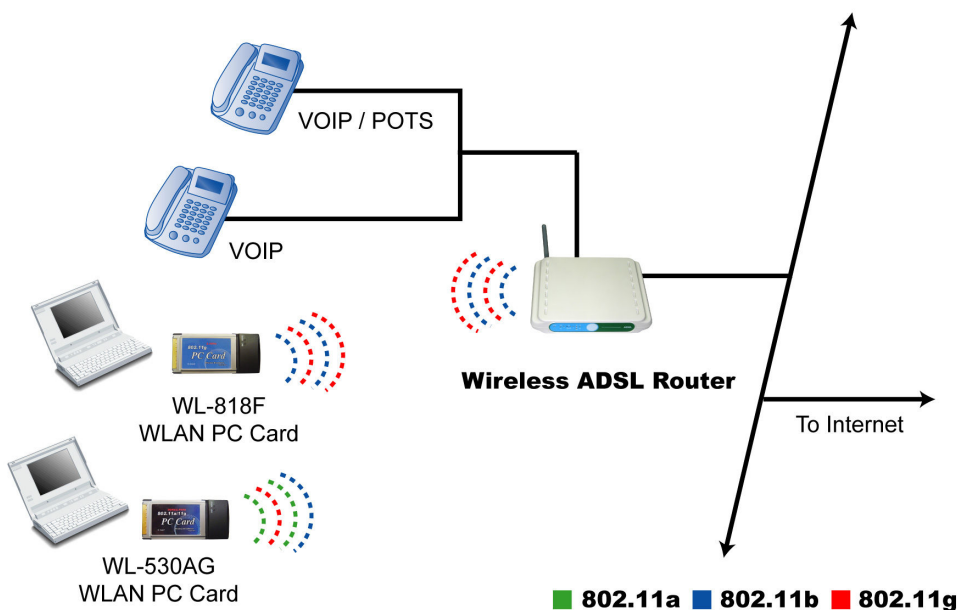


Gemtek WVADB-103G 11G Wireless ADSL2+ with VoIP Gateway allows you to share the single account of Internet Access to delivery broadband service such as voice over IP and fast Internet access over ADSL. With build-in NAT, this Router allows up to 253 users on the Ethernet LAN simultaneously and up to 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). Offering several levels of security, the WVADB-102GB is built with 64/128-bit WEP encryption and 802.11i (WPA /WPA-PSK,) for the wireless pass-through.

In case of home usage, WVADB-103G 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. At the same time you could also have the voice service with the build -in VoIP function.

With a web-based UI (User Interface), the WVADB-103G is easy to setup and maintain. All functions can be configured with the UI via web browsers.

- 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



General Specifications

- Full compliant with ITU G.711, ITU G.729, ITU G.723.1 and control application for SIP, MGCP and H.323
- 2 FXS + 1FXO

Product Name 11G Wireless ADSL2+ with VoIP Gateway	Voice features SIP compliance
Model Number WVADB-103G	MGCP compliance
Spreading 802.11b : DSSS 802.11g : OFDM	H.323 compliance
Frequency Range 2.4GHz~2.4835GHz (subject to local regulations)	Supported codecs:G.711,G.726,G.729,G.723.1 Echo cancellation according to ITU T.168 T.38 Fax Relay FXO lifeline support
Number of Channels USA, Canada and Taiwan - 11 Most European Countries - 13	Gateway NAT, DHCP server, Port forwarding, Firewall 802.1d Spanning Tree Protocol (STP)
Data Rate 802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps	LED Indicators WLAN Activity (LINK / ACT) PPP Session / DSL Link ENET LAN Activity (LINK / ACT)
Transmit Power +17dBm (Maximum) for WLAN +14dBm (Maximum) for ADSL	VoIP Ready/Ack USB Power
Standards IEEE 802.11b/g 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	Antenna 2dBi gain
Network Protocol 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	Dimension 176 mm x 137 mm x 27 mm
Security 64/128-bit WEP 802.1x (port-based security with RADIUS) MAC address filtering Association Clients Control WPA / WPA-PSK (TKIP, AES, TKIP+AES)	Weight 525 g (Router only)
	Ports RJ-11 /45 ADSL WAN Port (Gray) 10/100 Mbps wired LAN*4 (Yellow) (Automatic MDI/MDI-X crossover) RJ-11 VoIP Port*3 USB 1.1 Host Port *1 USB 1.1 Device Port *1
	Temperature Range 0~40°C(operating), -20~65°C (storing)
	Humidity 15%~95%
	Power Adapter Input: AC 120/230V, 0.165A, 60/50Hz Output DC 15V, 1A