



AR-6024WG

Wireless 11g ADSL Router

ADSL Modem Router with 11g Wireless LAN, 4 10/100BaseTx LAN ports

Best solution and cost-effectively for SOHO Internet access with ADSL Modem and sharing local network to broadband Internet.

Full Rate ADSL Connection

The Wireless 11g ADSL Router can directly connect with ADSL telephone line to all leading ISPs and with full data rate.

ADSL Standards Compliant

The Wireless 11g ADSL Router comply with ADSL standard with full-speed rate.

Supports Full WAN/LAN Function

The Wireless 11g ADSL Router supports PPPOA (RFC 2364), PPPOE (RFC 2516), bridge/routed Ethernet over ATM (RFC 2684/1483), and classical IP over ATM (RFC 1577).

IP Sharing

The Wireless 11g ADSL Router supports multiple users using one IP address sharing Internet access with network address translation.

Multi-Physical Port

The Wireless 11g ADSL Router offers 1 WAN (RJ-11 ADSL port) and four auto-sensing 10/100BaseTx ports for local network. LAN clients can connect directly with broadband internet without hub or switch.

11g Wireless LAN

The Wireless ADSL Router support IEEE802.11g Wireless LAN.

Web Configuration

Providing web-based browser management for Win 98SE/Me/2000/XP.

Full Rate Wireless 11g ADSL Router

Features

- Comply with ANSI T1.413 Issue 2, ITU 992.1(G.dmt) Annex A/B/C, 992.2 (G.lite), 992.3 ADSL2 (G.dmt.bis) 992.4 ADSL2 (G.lite.bis), 992.5 ADSL2+ and DMT modulation/demodulation standards
- Maximum downstream/upstream rate of 24Mbps/1Mbps (ADSL2+) for full-rate adaptive modem
- Maximum downstream/upstream rate of 1.5Mbps/512kbps for G.lite adaptive modem
- Support PPPOA (RFC 2364), PPPOE (RFC 2516), bridge/routed Ethernet over ATM (RFC 2684/1483), and classical IP over ATM (RFC 1577)
- Support IP routing-RIPv2, static routing, DHCP, NAT, NAT, ICMP, IGMP, and Ethernet operation
- Support IEEE802.11g Wireless LAN for 54Mbps transmission rate and 64/128-WEP encryptions
- Provide 4 10/100BaseTx LAN ports
- Web-based browser management for Win 98SE/Me/2000/XP

Specification

Product	AR-6024WGA (Annex A) AR-6024WGB (Annex B) AR-6024WGU (UR2)
Chip Set	<i>Texas Instruments</i> ADSL Router Chip
Line Connection	RJ-11 (2 wires) RJ-45 (4 port) Connection
ADSL standards	DMT modulation and demodulation Tone detection for low power mode ITU 992.1 (G.dmt) Annex A, B, C ITU 992.2 (G.lite) ITU 992.3 ADSL2 (G.dmt.bis) ITU 992.4 ADSL2 (G.lite.bis) ITU 992.5 ADSL2+ ANSI T1.413 Issue 2
Full-rate adaptive modem	Maximum downstream rate of 24 Mbps (ADSL2+) Maximum upstream rate of 1 Mbps
G.lite adaptive modem	Maximum downstream rate of 1.5 Mbps Maximum upstream rate of 512 Kbps

Full Rate Wireless 11g ADSL Router

Specification (continued.)

WAN Mode Support	PPP over ATM (RFC 2364) PPP over Ethernet (RFC 2516)
LAN Mode Support	Bridged/routed Ethernet over ATM(RFC 2684/1483) Classical IP over ATM (RFC 1577) PPP over Ethernet (RFC 2516)
Bridge Mode Support	Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1D) Supports up to 128 MAC learning addresses
Router Mode Support	IP routing-RIPv2 (backward compatible with RIPv1) Static routing DHCP (Dynamic Host Configuration Protocol) Server and Client NAPT (Network Address and Port Translation) NAT (Network Address Translation) ICMP (Internet Control Message Protocol) Simultaneous Ethernet operation IGMP (Internet Group Management Protocol)
Ethernet Interface	Complies with IEEE 802.3u specification
Wireless	54Mbps Access Point for wireless connectivity Interoperable with IEEE 802.11g (PBCC & OFDM Modulation Technology support) 2.4GHz compliant equipment Support Ad hoc and Infrastructure mode Support WEP (64/128 bit) Provides up to 30 users wireless connection, External antenna: one 2dbi detachable antennas with diversity support (Reverse SMA connector)
RF Specification	Frequency band 2400-24835 MHZ (ISM), DSSS spreading, CCK, OFDM modulation Transmission power max. 100mW
OS	WIN 98SE ; WIN 2000 ; WIN ME ; WIN XP
External AC adapter	External DC Power Input: 90~120V or 200~240V, 50/60Hz Output: 7.5VDC/1A
LED Indication	PWR, ADSL LINK, WLAN, LAN 1~4

Edimax Worldwide

Taiwan/Headquarters

Edimax Technology Co. Ltd.

TEL : 886-2-22995648

FAX : 886-2-22995647

E-mail : service@edimax.com.tw

China

Beijing Edimax Science

& Technology Co., Ltd.

TEL : 8610-82665568

FAX : 8610-82665325

E-mail : support@edimax.com.cn

USA

Edimax Computer Company

TEL : 1-408-496-1105

FAX : 1-408-980-1530

E-mail : support@edimax.com

Latin America

Edimax Latin America

TEL : 1-786-845 8099

FAX : 1-786-331 8490

E-mail : sales_latinamerica@edimax.com

Europe

Edimax Technology Europe B.V.

TEL : 31- 499-377344

FAX : 31- 499-372647

E-mail : support-europe@edimax.com.tw

United Kingdom

Edimax Technology (UK) Ltd.

TEL : +44-870-7740226

FAX : +44-870-7740227

E-mail : support-uk@edimax.com.tw

