Broadband Link
802.11g 54Mbps Wireless ADSL2+ Modem Router

Overview

The ADSL2+ Wireless Router is a high-speed ADSL2+ Ethernet/Wireless router that is specifically designed to connect to the Internet and to directly connect to your local area network (LAN) via high-speed 10/100 Mbps Ethernet, or wireless LAN (WLAN). The ADSL2+ modem is compatible with the latest ADSL standards, including ADSL2 and ADSL2+, and supports up to 24 Mbps downstream and 1.5 Mbps upstream to deliver true broadband speed and throughput. The DSL router supports wireless 802.11b/g and the following security protocols: WEP, WPA, WPA2, and 802.1x. To ensure fully compatibility, the DSL device was tested with all major DSLAMs, and support standard 10/100 Mbps Base-T Ethernet interface Auto MDI/MDIx 10/100 Switch function allowing user easily to link to PC or other Switches/Hubs. The DSL device is an idea solution for multi-users utilizing build-in channel mode (PPPoE/A, IPoA, IPoE), IP routing, NAT functionalities sharing the ADSL link. The DSL device is also a perfect solution for the residential users, it supports the users with bridge mode in host based PPPoE Client.

Features

- Complies with ITU ADSL ,ADSL2 and ADSL2+
- Maximum Rate up to 24Mbps for downstream and 1Mbps for upstream
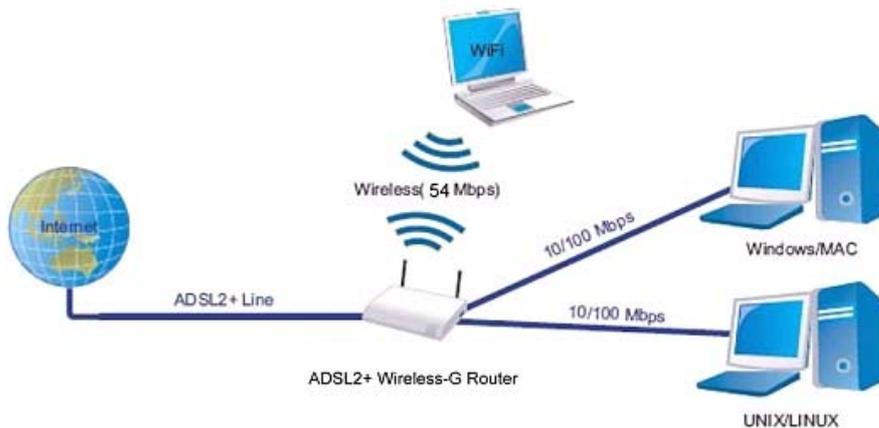- Complies with IEEE 802.11b/g of Wireless LAN

Specifications

ADSL Standard	• Complies with ANSI T1.413 Issue 2, ITU G.DMT and ITU G.LITE standards • Complies with ITU-T • G.992.1 annexes A/B • G992.2 annexes A/B • G992.3 ADSL2 annexes A/B • G992.4 ADSL2 • G922.5 ADSL2+ standards
Maximum rate	• 24Mbps for downstream and 1Mbps for upstream
WAN Mode	• PPP over ATM • PPP over Ethernet
LAN Mode	• ATM SAR with up to 8 distinct VCC's(Virtual Channel • Connections) • ATM AAL5 support for CBR, UBR,VBR-rt, and VBR-nrt • F4/F5 OAM cell support, HEC, CRC
Security	• User Authentication for PPP • PAP (Password Authentication Protocol) • CHAP (Challenge Authentication Protocol)
Management	• 10/100 Base-TX Ethernet MAC support crossover
Bridging/Router Protocols	• IEEE802.1P/Q VLAN handling • IP v4/v6,TCP,UDP packet auto-detection • TCP,UDP,IP checksum task offload • DHCP,NAT and higher IP layer processing
Security	• 64/128bit WEP • WPA(TKIP with IEEE 802.1x) • WPA2(AES with IEEE 802.1x)
Data Rate	• 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps • 802.11b: 11, 5.5, 2 & 1 Mbps with auto-rate fall back
Number of operation channel	• 2.412~2.462GHz (Canada, FCC) / 11 Channels • 2.412~2.484GHz (Japan, TELEC) / 14 Channels • 2.412~2.472GHz (Euro, ETSI) / 13 Channels

Connector	● One RJ-11 port for ADSL connection ● Four RJ-45 port for 802.3u 10/100MB LAN connection ● One Reset button ● One Power jack ● One SMA connector
Storage Humidity	● 10% ~ 90% (Non-condensing)
Operation Temperature	● Operation: 0°C ~ 60°C
Power requirement	● DC 12V/1A
Regulatory Compliance	● CE

Application

Ordering Information

A2WR-430A (ver. V2): 802.11g 54Mbps Wireless ADSL2+ Modem Router (AnnexA)

* Product specification subject to change without notice.