

ADSL2+ Wireless-G Router



A2WR/T

- ❖ Integrated Wireless (802.11b/g) 54Mbps and 4 port 10/100Mbps switch
 - ❖ ITU-T G.992.1 (Annex A and Annex B / ETSI / U-R2)
 - ❖ ITU-T G.992.3 G.992.4 G.922.5 (ADSL2 / ADSL2+)
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Features

- ANSI T1.413 Issue 2, ITU-T G.992.1(G.dmt) and G.992.2 (G.lite) compliant for Annex A, B, ITU-T G.992.3, G.992.4 for ADSL2, ITU-T G.992.5 for ADSL2+
- Supports downstream rates at up to 24Mbps and upstream rates at up to 2Mbps
- PPPoA (RFC2364), PPPoE (RFC2516), classical IPOA (RFC1577), multiple protocol over AAL5 (RFC1483, RFC2684), DHCP client mode support
- DHCP server and client mode, NAT/NAPT support
- Dynamic Domain Name System (DDNS)
- Software DMZ and Port Forwarding
- 4-port 10/100Mbps auto-crossover (MDI/MDI-X) – Switch compliant with IEEE802.3 and IEEE802.3u
- Ethernet to ADSL-self-learning (up to 128MAC) transparent bridging compliant with IEEE 802.1d
- Compliant IEEE 802.11b/g standard
- Up to 54Mbps data rate for wireless networks
- Supports 64/128-bit WEP, WPA, WPA2 for wireless security
- Firmware upgraded via Web-based GUI

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Specifications

ADSL Features

- Compatible with all leading DSLAMs
- Supports DMT modulation and demodulation
- Support ITU-T G.992.1 G.992.3, G.992.4, G.992.5 Annex A & T1.413 Issue 2 for Annex A, B
- ETSI TS 101 388 / DTS TM-06006 for Annex B
- Supports ITU-T G.992.1 (G.dmt) Annex B – Deutsch Telecom / U-R2 for Annex B (U-R2)
- G.992.1 (G.dmt) : Downstream and upstream data rates up to 8Mbps and 1Mbps
- G.992.2 (G.Lite) : Downstream and upstream data rates up to 1.5Mbps and 512Kbps
- G.992.3 / G.992.4 (ADSL2) : Downstream and upstream data rates up to 12Mbps and 1Mbps
- G.992.5 (ADSL2+) : Downstream and upstream data rates up to 24Mbps and 2Mbps

ATM Features

- WAN Mode Support : PPP Over ATM (RFC2364) and PPP Over Ethernet (RFC2516)
- LAN Mode Support : Routed / Bridge Ethernet Over ATM (RFC-2684)
- Classical Internet Protocol Over ATM (RFC-1577)
- Support ATM SAR, ATM AAL5, ATM Forum UNI3.1 / 4.0 PVC
- Support 8 ATM VCs

Wireless Features

- Support IEEE 802.11g, 802.11b Wireless Access Point
- Support 128-Bit and 64-Bit WEP encryption, WPA-PSK
- Data rate : Up to 54Mbps
- Transmit Power : 15 dBm
- Receive Sensitivity : 11Mbps : -80dBm / 54Mbps : -65dBm

Management Features

- Firmware upgrade via Web console
- Customize Web pages
- WAN and LAN side connection statistics
- Configuration of static routes and routing table
- Configuration of NAT / NAPT
- Password protected access
- Selection of Bridge or Router Mode
- PPP user ID and password
- Configuration of VCs (Virtual Circuits)

Physical Interfaces

- ADSL Modem / Router with four RJ-45 (10/100 Base-T) Ethernet port & an ADSL port
- ADSL Status, Power and switching hub LED indicators

Bridge Mode

- Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1D)
- Supports up to 128 MAC learning addresses

Router Features

- DHCP Server and Client
- NAPT (Network Address and Port Translation)
- NAT (Network Address Translation)
- ICMP (Internet Control Message Protocol)
- IGMP (Internet Group Management Protocol)
- DDNS (Dynamic Domain Name Service)

Security Features

- Password protected configuration access
- User authentication (PAP / CHAP) with PPP

Ethernet Features

- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
- All Ethernet ports support auto-crossover (MDI/MDI-X)

Temperature

- 32~122°F (0 ~50°C)

Humidity

- Max. 95% (Non-Condensing)

Regulatory Approvals

- FCC, CE

Application:

