



Description

The MD4W is a high performance wireless ADSL2+ modem router. Four 10/100 ethernet ports provide wired LAN connectivity with an integrated 802.11g WiFi WLAN Access Point (AP) for wireless connectivity.

The MD4W ADSL2+ router provides state of the art security features such as WPA data encryption, Firewall and VPN pass through. The MD4W is designed for both residential and business applications that require wireless and wired connectivity to an ADSL broadband network.

The MD4W supports up to 16 contiguous virtual connections allowing for multiple simultaneous Internet connections.

Compatibility & reliability by using Broadcom chipset & provisioning options including standard TR69.

ADSL2+



FIREWALL

WIRELESS



BROADCOM

ETHERNET



WARRANTY

Features

- UPnP
- Integrated 802.11g AP
- Backward compatible with 802.11b
- WPA/WPA2 and 802.1x
- RADIUS client
- MAC address filtering
- IP filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- IP QoS
- NAT/PAT
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Embedded SNMP agent
- Web-based management
- Remote configuration and upgrade
- Configuration backup and restoration
- FTP server
- TFTP server
- TR-69 Protocol Included

Specifications

Rear Panel

RJ-11 X1 for ADSL, RJ-45 X 4 for LAN, Reset Button X 1, Power switch X 1

ADSL

ADSL standard	ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2	
G.992.5 (ADSL2+)	Downstream : 24 Mbps	Upstream : 1.3 Mbps
G.992.3 (ADSL2)	Downstream : 12 Mbps	Upstream : 1.3 Mbps
G.DMT	Downstream : 8 Mbps	Upstream : 832 Kbps

Ethernet

Standard	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sense
MDI/MDX support	Yes

Wireless

Standard	IEEE802.11g, backward compatible with 802.11b
Encryption	64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Channels	11 Channels (US, Canada)/ 13 Channels (Aust)/ 14 Channels (Japan)
Data Rate	Up to 54Mbps
WPA/WPA2	Yes
IEEE 802.1x	Yes
Afterburner mode (Turbo mode)	Yes (this feature is optional)
WMM	Yes

ATM Attributes

RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)	
Support PVCs	16
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes

Management

SNMP, Telnet, Web-based management, Configuration backup and restoration
Software upgrade via HTTP, TFTP server, or FTP server. TR-69 included as standard.

Bridge Functions

Transparent bridging and learning	IEEE 802.1d
VLAN support	Yes
Spanning Tree Algorithm	Yes
IGMP Proxy	Yes

Routing Functions

Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP Relay, DNS Proxy, ARP

Security Functions

Authentication protocols PAP, CHAP,
TCP/IP/Port filtering rules, Port triggering/Forwarding, Packet and MAC address filtering, access control, SSH

Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc

Power Supply

External power adapter	110 Vac or 220 Vac	16 Vac 900 mA
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Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 90% (non-condensing)

Certifications

CE

Note: Specifications are subject to change without notice