

# WA3002-G4

## WIRELESS ADSL MODEM/ROUTER

A MULTI-MODE ADSL MODEM WITH 4 ETHERNET LAN PORTS AND INTEGRATED 802.11b/g WIRELESS LAN



### KEY FEATURES

- High speed ADSL Modem/Router with built-in Integrated Wireless LAN
- Ideally designed for residential, small-sized LAN and SOHO customers
- Full rate operations up to 8Mbps downstream and up to 1Mbps upstream. Software upgradeable to ADSL2/2+
- G.lite operation up to 1.5Mbps downstream and 512Kbps upstream
- DHCP server support for easy LAN IP address management
- Supports PPPoE (RFC 2516), PPPoA (RFC 2364), and Classical IP over ATM (RFC 2225/RFC 1577)
- Supports applications such as IP Multicast, IGMP v1/v2, TFTP, DHCP, Telnet, HTTP, and FTP

### SPECIFICATIONS

#### LAN INTERFACE

- Four RJ-45 connectors (10/100Base T Ethernet ports)
- One USB 1.1 port

#### WAN ADSL INTERFACE

- One RJ-11 Connector
- Line Impedance: 100 Ohms
- Connection Loop: Single pair (2-wire)
- ADSL over POTS, compliant with ITU G.992.1 (G.dmt) Annex A, ITU G.992.2 (G.lite), and ANSI T1.413 issue 2
- Interoperability with TR-48

#### WLAN

- IEEE802.11b/g, WiFi compliant (in process)
- RF Output Power: 200mW
- Antenna Connectors: one external antenna
- Data Rate: 11, 5.5, 2, 1 Mbps for 802.11b and 54 Mbps for 802.11g

#### OAM&P

- Telnet and Web GUI management
- Remote management supported by SNMP v1,v2 and MIB II (RFC 1213)

Please verify product website for current regional certification status

### POWER

- AC Adapter: 11VDC 700mA (120 VAC/60Hz or 230VAC/50Hz)
- Power Consumption: Less than 5 watts

### ENVIRONMENTAL

- Operating: 0°C ~ 45°C, humidity: 5% ~ 95%
- Storage: -20°C ~ +85°C, humidity: 5% ~ 95%

### PHYSICAL DIMENSIONS

- (W x D x H) 174mm x 138mm x 32mm

### CERTIFICATION

- CE, FCC Part 15 Class B, UL (In progress)

### SOFTWARE

#### ATM

- ATM Cell over ADSL, AAL5
- UBR/GFR, CBR, VBR-rt and VBR-nrt
- Supports up to 8 PVCs: VPI (0-255) and VCI range (1-65535)

#### BRIDGING

- Transparent Bridging (IEEE 802.1D)
- RFC2684 (RFC1483) Bridged
- Spanning Tree Protocol (IEEE 802.1D)

#### ROUTING

- DNS Relay, RIP v1/v2 and Static Routing
- NAT/PAT – RFC1631 (basic firewall support)
- RFC2684 (RFC1483) Routed

#### SECURITY

- WEP Encryption: 64-bit or 128-bit WEB key
- SSID, MAC address filtering
- NAT / Port Filtering / IP Filtering
- ID Password Authentication
- Single-session IPSec and PPTP Pass-Through for VPN

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