

WA3002-S (CPE)

ADSL MODEM WITH BUILT-IN WIRELESS LAN

PROVIDES ADVANCED ROUTING AND GATEWAY FUNCTIONALITY, ALLOWING MULTIPLE USERS TO SHARE A BROADBAND CONNECTION VIA WLAN



KEY FEATURES

- Designed for residential, small LAN and SOHO applications
- High speed asymmetrical data transmission on a single twisted pair
 - Full-rate operation up to 8 Mbps down stream and 1Mbps upstream
 - G.lite operation up to 1.5Mbps downstream and 512Kbps upstream
- Wi-Fi-compliant WLAN (IEEE 802.11b)
 - Data rates of 11, 5.5, 2 or 1Mbps
 - WEP encryption with 64- or 128-bit key
 - SSID and MAC address filtering
- Additional security capabilities include NAT, port filtering and IP filtering
- Supports IP Multicast, IGMP v1/v2, TFTP, DHCP, Telnet, HTTP and FTP
- Supports PPPoE (RFC 2516), PPPoA (RFC 2364), Classical IP over ATM (RFC 2225/RFC 1577), and RFC 2684 (RFC 1483) protocols
- Configuration and network management via Telnet and Web browser
- Remote management via SNMP v1 and MIB II (RFC 1213)

INTERFACES

CUSTOMER SIDE

- One RJ45 connector (10/100BaseT Ethernet, IEEE 802.3)
- One external antenna connector

NETWORK SIDE

- One RJ11 connector
- Line impedance: 100 Ω
- Connection loop: Single pair (two-wire)
- Interoperability complies with TR-48

SPECIFICATIONS

SOFTWARE

ATM

- ATM Cell over ADSL, AAL5
- UBR/GFR, CBR, VBR-rt and VBR-nrt
- VPI range (0-4095) and VCI range (1-65535)
- Supports up to 8 PVCs

Bridging

- Transparent bridging (IEEE 802.1D)
- RFC 2684 (RFC 1483) bridged
- Spanning Tree Protocol (IEEE 802.1D)

Routing

- RIP v1/v2 and static routing
- NAT/PAT – RFC 1631 (basic firewall support)
- RFC 2684 (RFC 1483) routed
- DNS relay

HARDWARE

Power

- AC adapter: 11 VDC, 700 mA (120 VAC/60 Hz or 230 VAC/50 Hz input)
- Power consumption: < 5.0 watts

Dimensions

- W x D x H: 137 x 137 x 28 mm

Environmental

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

Certifications

- CE, FCC Part 15 Class B, UL

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