

UT-300R A (CPE)

MULTI-MODE ADSL MODEM

DELIVERS HIGH-SPEED DATA OVER PHONE LINES, PROVIDING ROUTING, GATEWAY AND FIREWALL CAPABILITIES



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 8Mbps/12Mbps downstream and 1Mbps upstream
 - G.lite operation up to 1.5Mbps down stream and 512Kbps upstream
- Built-in firewall capabilities include stateful packet inspection, Denial-of-Service (DoS), firewall trigger and URL-based content filtering
- Additional security via VPN IPSec pass through, L2TP client/server and L2TP/PPTP pass through, and ID password authentication
- 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
- DHCP server support for LAN IP address management
- Remote management via SNMP v1 and MIB II (RFC 1213)

INTERFACES

CUSTOMER SIDE

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

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)
- Supports Point-to-Point Protocol (PPP)
- PAP or CHAP for user authentication
- 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: < 10.0 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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