

# UT-304R2

## MULTIPOINT HIGH SPEED ADSL 2/2+ ROUTER/BRIDGE

### ENABLING ROUTING AND BRIDGING FUNCTIONS VIA A SINGLE DSL CONNECTION FOR HIGH-QUALITY TRIPLE PLAY APPLICATION



#### KEY FEATURES

- Designed for enterprise, small office and residential applications
- Supports higher ADSL2/2+ speeds for Triple Play and high end video applications
  - ANSI T1.413 Issue 2
  - ITU G.992.1 (G.dmt) Annex A
  - ITU G.992.2 (G.lite) Annex A
  - ITU G.992.3 (G.dmt.bis) Annex A
  - ITU G.992.4 (G.lite.bis) Annex A
  - ITU G.992.5 Annex A
- 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, v2c and MIB II (RFC 1213)

- Connection loop: Single pair (two-wire)
- Interoperability complies with TR-48

#### SPECIFICATIONS

##### SOFTWARE

##### ATM

- ATM Cell over ADSL, AAL5
- UBR, 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: 9 VAC, 1000 mA (120 VAC/60 Hz or 230 VAC/50 Hz input)
- Power consumption: < 10.0 watts

##### Dimensions

- W x D x H: 168 x 130 x 40 mm

##### Environmental

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

##### Certifications

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

#### INTERFACES

##### CUSTOMER SIDE

- Four RJ45 connectors (10/100BaseT Ethernet, IEEE 802.3)

##### NETWORK SIDE

- One RJ11 connector
- Line impedance: 100 Ohms

Please verify product website for current regional certification status

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