

ADSL Router



The ADSL Router provides the ideal solution for enjoying the Broadband access anywhere. Based on the IEEE 802.3 standard and ADSL technology, the ADSL Router transmits and receives data over the Telephone Line.

With the ADSL Router's working maximum downstream rate of 8 Mbps and Upstream rate of 1Mbps you can take full advantage of talking on the phone and navigating the Web at the same time with ADSL high-speed access. We are committed to Speed and Connectivity.

Features

- Compliance with T1.413 , T1.413 issue 2 , G.DMT and G.Lite
- Supports PPPoA, PPPoE, IPoA , RFC1483 & RFC1577, Spanning Tree and Firewall Feature .
- Support Auto MDIX .
- Full Rate Adaptive modem
 - Maximum downstream rate of 8 Mbps.
 - Maximum upstream rate of 1Mbps .
- Web based configuration management

Specification

• ADSL Compliance

1. Compliant with ADSL Standard
 - Full-Rate : ANSI T1.413 & T1.413 issue 2 , ITU G.DMT
 - Splitterless : ITU G.Lite (G.992.2) Standard .
2. Compliant with ADSL G.hs (G.994.1) .
3. Support Annex A and Annex B .
4. DMT Modulation and Demodulation .
5. Full-Rate Adaptive modem
 - Maximum Downstream rate of 8M bps .
 - Maximum Upstream rate of 1M bps .
6. Support Dying Gasp Function .
7. Interoperable with all major DSLAM Equipment .

• Protocols

ATM Protocol –

WAN Mode : PPPoA (RFC2364) and PPPoE (RFC 2516)

LAN Mode : Bridge/Router MPoA (RFC 1483) and IPoA (RFC 1577)

ATM Forum UNI 3.1/4.0 PVC

Up to 8 VCs.

ATM SAR and ATM AAL5
OAM F4/F5

LAN Bridge Mode

Ethernet self-learning Transparent Bridge (IEEE 802.1D)

Support up to 128 MAC Learning addresses .

Router Mode

Static routing

IP routing – RIPv2 (Backward compatible with RIPv1)

DHCP (Dynamic Host Configuration Protocol) Server and Client .

Dynamic NAT (Network Address Translation) .

NAPT (Network Address and Port Translation) .

ICMP (Internet Control Message Protocol) .

Simultaneous USB and Ethernet operation

IGMP

Security

User authentication for PPP
PAP (Password Authentication Protocol) .
CHAP (Challenge Authentication Protocol) .
Password protected system management

SPI Firewall (Option)

eFirewall from Intoto, Inc.

• Ethernet Interface

Compatible with IEEE802.3 standard
10/100Mbps auto selection
Auto MDIX

• USB Interface

Compliant with USB 1.1
USB full speed (12Mbps)
Vendor specific descriptors.
Support Windows 98/ME/XP/2000 Driver
Support Macintosh MAC 9.X & 10.X Driver .

- **LEDs:** Power Indicator , ADSL Link LED ,ADSL ACT LED , Ethernet Link LED , Full/Half Duplex LED .
- **Ports:** 1 Port ADSL (RJ-11) ,1 Port Ethernet (RJ-45) w/ auto-MDIX and 1 Port USB Interface .
- **Power:** Input 15Vdc
- **Certification:** FCC / CE
- **Cabling Type:** UTP Category 5 or better & Telephone Line

Physical Specification

- Weight: 888 g
- Dimension: 158mm (W) x 103mm(D) x 24mm(H)

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