Product Brief

ADSL2+ AT401 Ethernet Router uses Broadcom Chipset solution that fully complies with ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) ADSL standard as well as the latest ADSL technology ASDL2 & ADSL2+.

This router provides unrivaled asymmetric high speed data transport over a single copper pair linking branch offices, home offices and individual subscribers to their network service providers, including Internet service providers. Targeted at the residential users, it is for both the single user with Bridge mode with host based PPPoE Client or for multi-users with routing mode utilizing PPPoE, IP routing, NAT functionality to share the ADSL link. It comes with the Packet Filtering firewall and DMZ support for a full security options.

Specification

- ADSL (ANSI T1.413 Issue 2)
- G.dmt (G.992.1)
- G.lite (G.992.2)
- G.hs (G.994.1)
- Auto-negotiating rate adaptation
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)

ATM Support

- 8 PVCs Support
- RFC 1483/2684 Multiple Protocol over AAL5
- VC and LLC Multiplexing
- Traffic Shaping UBR, CBR, VBR-nrt
- ATM Forum UNI 3.1/4.0 PVC

PPP Support
- PPP (RFC 1661)
- PPP over AAL5 (RFC 2364)
- PPP over Ethernet (RFC 2516)
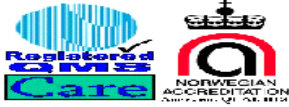- PAP Authentication (RFC 1334)
- CHAP Authentication (RFC 1994)

Routing/Bridge Support

- IEEE 802.1d Transparent Bridging
- 802.1q Pass-through Bridge
- Up to 256 MAC Learning Address
- IP Routing: TCP, UDP, ICMP, ARP
- RIP1v1 and RIPv2
- Static Route
- IP Multicast IGMP v1/v2
- IP Policy Route

IP Management

- SUA (Single User Account)
- Multi-NAT (Network Address Translation)
- Multimedia Support
- VoIP SIP Pass-through
- VPN (IPSec, PPTP, L2TP) Pass-through
- DHCP Server/Relay/Client
- IP Alias
- DNS Proxy
- Dynamic DNS
- UPnP Support

Network Management

• Web-based Configuration
• Command-line Interpreter (CLI)
• Telnet Remote Management
• SNMP MIB Support
• FTP/TFTP firmware upgrade and configuration backup/restore
• Built-in Diagnostic Tool

Advanced Features

• Traffic Redirect
• Zero Configuration
• Call Scheduling
• Budget Management

Physical Specification

• Dimensions: 160(L) x 126(W) x 3(H) mm
• Weight: 250g

Security

• Password-protected System Management Terminal
• PAP (Password Authentication Protocol)
• CHAP (Challenge Handshake Authentication Protocol)
• Microsoft CHAP
• IP Packet Filtering for Access Control

Hardware Specification

• ADSL: One RJ-11 or RJ-45 Port
• LAN: 4*10/100M Auto MDI/MDIX
• Reset Button
• Status LEDs Indicator
• Power: 9 V AC 800mA

Operating Environment

• Temperature: 0 ~ 40ºC
• Humidity: 20 ~ 85% (non-condensing)