

4-Port Ethernet ADSL Modem (ATRIE DB120)

The 4-port ADSL modem is a powerful Ethernet ADSL modem, which can provide access to the Internet on broadband mode, plus 4-port switch function. Its 10/100Mbps Ethernet LAN connectivity, and WAN interfaces provide users the flexibility of Internet connection. WEB-Based GUI makes it easy to configure multiple functions.

With the strong chipset, this Modem can support ADSL 2+ and most popular functions, such as DHCP server, NAT, DMZ, Access Control, uPnP... The downstream is up to 24Mbps and upstream 1Mbps.



Standard Compliance

- ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A, G.992.3 (G.dmt.bis, also referred to as ADSL2), G.992.5 (ADSL2+)

Multiple Data Encapsulation Formats Support

- RFC 2364 PPPoA LLC SNAP / VC MUX
- RFC 2516 PPPoE LLC SNAP / VC MUX
- RFC1483 1483 bridge/routing LLC SNAP / VCMUX
- RFC 1577 Classical IP and ARP over ATM

ATM Support

- ATM AAL5 UBR&CBR
- Multiple PVCs complies with ATM Forum UNI3.1/4.0, OAM F4/F5 complies with I.610
- VPI/VCI range 0-255□0-65536

Network Access

- IP routing protocols: Static routing and RIPv1, v2
- 802.1d transparent bridging
- DHCP server automatically assigns IP addresses to PCs on the LAN
- DHCP client capability automatically gets IP address from DHCP server at ISP
- DHCP relay agent
- NAT enables multiple PCs on the LAN to access the Internet via single public IP address
- Multicast proxy support (IGMP Proxy) for support of video applications
- VPN pass through
- DNS proxy
- Virtual Server, DMZ, PPP Half Bridge

Network management

- Web-based configuration software
- Restore to factory defaults via Hardware or through configuration page

Security

- MAC filtering
- Password protected system management terminal
- PAP/CHAP authentication for PPP mode

LED Indicators (Label can be different)

- POWER: power on or off indication
- LINK: ADSL linked or linking
- PC: Ethernet connection
- DATA: Ethernet data transfer

Interface

- LAN: 4 RJ-45 ports for 10Base-T/100Base-TX Ethernet connections
- WAN: RJ-11 port for ADSL Line
- POWER: Power Jack 2.1mm for Power in

Power

- Power supply; Input: Customized as requirement; Output: 12VDC, 700mA

Dimension

- 170mm□L□x130mm□W□x39mm□H□

Weight

- 250 g

Environment

- Operating temperature 0 to 40°C, non-operating temperature –10 to 70°C
- Operating humidity 10 to 90% non-condensing, non-operating humidity 5 to 95% non-condensing

Regulatory Compliance and Certification

- UL1950 3rd Edition, FCC Part 15 Class B, FCC Part 68, CE Marked for EMC and Safety