

Pocket-size ADSL Modem / Router with Single Ethernet Port



▲ BIPAC 5100S

- High-speed Internet Access with ADSL
- Easy Network Management
- SOHO Firewall Security with NAT Technology and Packet Filtering
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Support Virtual Private Network (VPN) Pass Through
- Ideal for residential users

High-speed Internet Access with ADSL

The BIPAC 5100S complies with ADSL standards for worldwide deployment and supports downstream rate of up to 8Mbps and upstream rate of up to 1Mbps. It is designed for small office, home office and residential users, enabling high-speed Internet connections. User can enjoy ADSL services and broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever before.

SOHO Firewall Security with NAT Technology and Packet Filtering

Powered by NAT technology, dozens of network users can surf on the Internet and share the ADSL connection simultaneously by using one ISP account and one IP address. The NAT also provides a natural firewall to protect the users from hacker attacks. In addition to NAT technology, the BIPAC 5100S supports Packet Filtering feature to offer a higher-level security control.

Easy Network Management

The Web-based User Interface makes the BIPAC 5100S extremely easy to install and manage your network. With DHCP client and server built-in, system administrators can easily attach this security router into existing network and manage the IP assignment without re-configuring other stations. Furthermore, future firmware upgrade can also be done via friendly Web-based User Interface.

Feature & Specification

ADSL Compliance

- Compliant with ADSL Standards
 - Full-rate ANSI T1.413 Issue 2
 - G.dmt (ITU G.992.1)
 - G.lite (ITU G.992.2)
 - G.hs (ITU G.994.1)
 - ADSL over ISDN/U-R2
- Sync. Rate: up to 8Mbps for download rate and 1Mbps for upload rate

Network Protocols and Features

- NAT, static routing and RIP-1/2
- NAT supports PAT and multimedia applications
- IP Alias
- IP Policy Routing
- Multi-to-multi NAT
- Transparent Bridging
- Dynamic Domain Name System (DDNS)
- SNTP
- DNS relay and IGMP proxy

Hardware Specification

Physical Interface

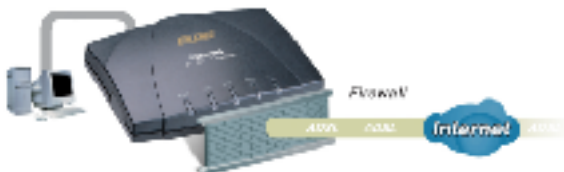
- LINE: ADSL port
- LAN: 10/100M auto-crossover (MDI/MDI-X)
- Factory default reset button
- Power jack

Physical Specification

- Dimensions: 5.20" * 3.70" * 1.38"
(132mm x 94mm x 35mm)

Power Requirement

- Input: 9V AC, 1A



ATM and PPP Protocols

- ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- OAM F4/F5

Firewall & Virtual Private Network (VPN)

- Built-in NAT Firewall
- Packet filtering
- Password protection for system management
- L2TP/PPTP/IPSec pass-through

Management

- Web-based configuration
- Firmware upgraded and configuration data upload and download via TFTP/FTP
- Embedded Telnet server for remote and local management
- SNMP MIB support
- Support DHCP server/client/relay

Operating Environment

- Operating temperature: 0 ~ 40 °C
- Storage temperature: -20 ~ 70°C
- Humidity: 20 ~ 95% non-condensing

All the specifications are subject to changes without prior notice.

Billion Electric Co., Ltd.

8F, No.192, Sec.2, Chung Hsing Road,
Hsin Tien City, Taipei Hsien, Taiwan

TEL : +886-2-2914-5665

FAX : +886-2-2918-6731, +886-2-2918-2895

E-mail : sales@billion.com

www.billion.com