

Wireless ADSL Router

Wireless 802.11b, with 4-port Switch

Securely share your high speed ADSL connection



- High-speed Internet Access with ADSL
- Easy Network Management
- SOHO Firewall Security with NAT Technology and Packet Filtering
- Universal Plug and Play (UPnP) Compliant
- Support Virtual Private Network (VPN) Pass Through
- Integrated 4-port Ethernet Switch
- Integrated with 802.11b Wireless AP (5100W only)
- Ideal for residential users

▲ BIPAC 5100/5100W

High-speed Internet Access with ADSL

The BIPAC-5100/5100W complies with ADSL standards for worldwide deployment and supports downstream rates of up to 8Mbps and upstream rates 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-5100/5100W supports Packet Filtering feature to offer a higher-level security control.

Easy Network Management

The Web-based User Interface makes the BIPAC-5100/5100W 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.

Integrated with 802.11b Wireless AP (5100W only)

With integrated 802.11b Wireless Access Point in the BIPAC-5100W, the device offers quick and easy access among wired network, wireless network and broadband connection (ADSL) with single device simplicity.

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
- Universal Plug and Play (UPnP) Compliant
- 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

- WLAN: antenna (5100W only)
- WAN: ADSL port
- LAN: 4-port 10/100M auto-crossover (MDI/MDI-X)
- Switch
- Factory default reset button
- Power jack
- Power switch

Physical Specification

- Dimensions: 7.28" x 5.0" x 1.85"
(185mm x 127mm x 47mm)

Power Requirement

- Input: 12V DC, 1A



▲ BIPAC 5100

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)
- Classical IP over ATM (RFC 1577)
- 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

Wireless 802.11b (5100W only)

- Compliant with IEEE 802.11b standard
- 2.4 GHz – 2.463G Hz frequency range
- Operation speed, 11M, 5.5M, 2M, or 1Mbps
- 64/128 bits WEP supported for encryption



▲ BIPAC 5100W

Specifications are subject to change without notice.

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