

Wireless VPN Firewall Broadband Router with 4-port Switch

Securely share your high speed ADSL connection



▲ BIPAC-6500/6500W

- Broadband sharing with 4-port fast Ethernet switch
- Integrated with 802.11b Wireless access point (for 6500W only)
- SOHO firewall security with DoS prevention
- Parental control with URL blocking and packet filtering
- Universal Plug and Play (UPnP) compliant
- Virtual Private Network (VPN)
- Dynamic Domain Name System (DDNS)
- PPPoE, PPTP and DHCP Client Connections to ISP
- For residential and office users

Sharing High-speed Internet/Intranet Access Everywhere

The BIPAC-6500/6500W Wireless Broadband Firewall Gateway provides SOHO and residential users an ideal solution for sharing a high-speed broadband Internet connection among dozens of stations in an Ethernet backbone. Supporting PPPoE/PPTP/DHCP client protocols, the BIPAC-6500/6500W can easily connect to your broadband ISP and get a dynamic IP address which is then shared by all local stations while employing NAT technology. Powered by Dynamic Domain Name System (DDNS), you can even set up a Web/FTP/Email server at home or in the office, and the server can be accessed by the domain name, not the annoying dynamic IP address.

Secure Communications with Powerful Firewall and VPN

The BIPAC-6500/6500W not only offers NAT natural firewall but also provides powerful firewall functions, including rich packet filtering and Denial of Service hacker attack blocking. When attacked, it will instantly send alert by email and log the event with timestamp derived from Simple Network Time Protocol (SNTP). Besides support of VPN pass-through, the BIPAC-6500/6500W includes embedded VPN protocols, such as IPSec and PPTP client, for establishing a private tunnel over the public Internet to ensure transmission security between two or more sites.

Smart Control, Protection and Alert

The BIPAC-6500/6500W supports Dial-on-Demand and Idle Timer in PPPoE and PPTP dial-up protocols to control the connection usage and save cost. Powered by URL blocking and packet filtering, the BIPAC-6500/6500W Firewall Gateway supports parental control to Internet access according to web addresses, web address keywords or the time of a day. It ensures your family or company a safe surfing environment by alerting the administrator to any Internet access violation.

Simple Installation, Configuration and Management

The built-in 4-port switch with automatic MDI/MDI-X crossover makes the BIPAC-6500/6500W easily connected to a few wired stations without additional hub and cumbersome crossover cables. Supporting DHCP server, it automatically assigns IP addresses to local stations without re-configuring them. With friendly Web Configurator, the BIPAC-6500/6500W is extremely easy to configure and manage under Windows 95/98/98SE/NT/2000/Me/XP, Mac OS, Unix and Linux, even from a remote site. Furthermore, future firmware with new or improved features can also be upgraded via the Web Configurator.

Integrated with 802.11b Wireless Access Point (for 6500W only)

With integrated 802.11b Wireless Access Point in the BIPAC-6500W the device offers quick and easy access among wired network, wireless network and broadband connection simplicity.

Feature & Specification

Network Protocols and Features

- PPPoE, PPTP and DHCP client connection to ISP
- NAT, static routing and RIP-1/2
- Supports multiple Application Level Gateway (ALG) algorithms for multimedia applications, such as ICQ, NetMeeting, MS Messenger, QUAKE, Real Player, etc.
- Universal Plug and Play compliant (UPnP)
- Dynamic Domain Name System (DDNS)
- Virtual Server and DMZ
- SNTP and DNS relay

Firewall

- Built-in NAT firewall
- Prevent DoS attacks including IP Spoofing, Land Attack, Smurf Attack, Ping of Death, TCP SYN Flooding, etc.
- Packet filtering – port, source IP address, destination IP address, MAC address
- URL filtering – string or domain name detection in URL string

Hardware Specification

Physical Interface

- WLAN: 802.11b Wireless AP antenna (for 6500W only)
- WAN: RJ-45 interface for connecting to DSL/Cable Modem
- LAN: 4-port 10/100 Mbps auto MDI/MDI-X Switch
- Factory default reset button
- Power jack
- Power switch

Physical Specification & Power Requirement

- Dimensions: 7.28" x 5.0" x 1.85" (185mm x 127mm x 47mm)
- Input: 12V DC, 1A



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Virtual Private Network (VPN)

- Embedded IPSec with IKE key management
- Embedded VPN - L2TP and PPTP client
- DES and 3DES encryption for IPSec
- L2TP/PPTP/IPSec pass through

Management

- Easy Web-based GUI for remote and local management
- Firmware upgraded and configuration data upload and download via Web-based GUI
- Support DHCP server to manage local IP network easily
- Real-time attack alert and system log

Wireless 802.11b (for 6500W only)

- IEEE 802.11b Wi-Fi compatible
- Operation speed, 11M, 5.5M, 2M, or 1M bps
- 64/128 bits WEP supported for encryption
- Hidden SSID
- Passphrase support

Operating Environment

- Operating temperature: 0 ~ 45 °C
- Storage temperature: -20 ~ 70°C
- Humidity: 20 ~ 95% non-condensing



▲ BIPAC-6500

Product listed in the brochure is updated on Jan. 31, 2004 and may be subject to changes without prior notice.

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