

BIPAC 6600

4-Port Broadband Firewall Router

The Billion BIPAC 6600 Broadband Router with 4-port Switch is perfectly designed for SOHO and residential users to share a high-speed broadband Internet connection. Powered by Dynamic Domain Name System (DDNS), the BIPAC 6600 allows you to set up a Web/FTP/Email server at home. By utilizing the supported PPPoE/DHCP client protocols, users can easily share one single IP address from the broadband ISP. The user-friendly Web Configurator enables you to configure and upgrade the firmware easily. With the SOHO firewall functions, the BIPAC 6600 can block hackers' attacks for more protection. The built-in Parental Control with URL Content Filtering can also monitor the Web browsing activities to keep home users from accessing inappropriate websites.



- Broadband sharing with 4-port fast Ethernet switch
- Efficient firewall protection against hackers and internet intruders
- Web-based Configuration, Management and Firmware Upgrade
- Parental control with URL Content Filtering
- Universal Plug and Play (UPnP) compliant
- Dynamic Domain Name System (DDNS)
- Fixed IP, PPPoE and DHCP Client Connections to ISP
- Ideal for Residential & SOHO users

Secure Communications and Advanced Protection

The BIPAC 6600 not only offers NAT natural firewall but also provides SOHO firewall functions, including rich Packet Filtering, Denial of Service (DoS), and hacker attack blocking for secured communications. When being attacked, the Router will log the event with timestamp derived from Simple Network Time Protocol (SNTP). Powered by URL Content Filtering and Packet Filtering, the BIPAC 6600 Firewall Router supports Parental Control to monitor the Internet access according to the web address, keywords or the time of a day. It protects your family from accessing inappropriate websites and ensures a safe surfing environment.

Economy

The BIPAC 6600 supports Dial-on-Demand and Idle Timer in PPPoE dial-up protocol to control the connection usage in specific areas. Whenever there is traffic from LAN to WAN, the Router will create a PPPoE connection. The Idle Time-out will drop the connection on demand. This smart feature offers users a great deal of economical benefits to reduce the communication costs.

Ease of Use

The built-in 4-port Switch with automatic MDI/MDI-X crossover makes the BIPAC 6600 easy to connect to a few wired stations without additional hub and cumbersome crossover cables. With the user-friendly Web Configurator, the BIPAC 6600 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. The firmware can also be upgraded via the Web Configurator.

Feature & Specification

Network Protocols and Features

- Fixed IP, PPPoE and DHCP client connection to ISP
- Dial-on-demand and Idle Timer for PPPoE connection
- NAT/NAPT
- VPN pass-through
- 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 Content Filtering – string detection in URL string

Hardware Specification

Physical Interface

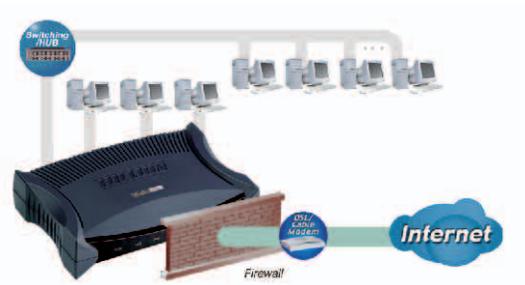
- WAN: RJ-45 interface for connecting to DSL/Cable Modem
- LAN: 4-port 10/100Mbps auto MDI/MDI-X Switch
- Factory default reset button
- Power jack

Physical Specification

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

Power Requirement

- Input: 9V AC, 1A



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
- System log recording attack event with timestamp

Operating Environment

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

All the specifications are subject to change without notice.

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