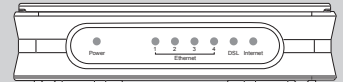
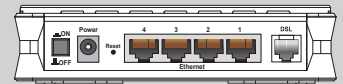




BILLION™



▲ BiPAC 5200 RC Front Panel



▲ BiPAC 5200 RC Rear Panel

BiPAC 5200 RC

ADSL2+ Firewall Router

Billion's BiPAC 5200 RC is an easy-to-use yet economical pack of ADSL2+ Modem/Router perfectly designed for home and SOHO users to enjoy rich firewall security, user-friendly Web interface, and faster speed when using ADSL Internet connection. The router lets you share high-speed ADSL Internet connection, even faster with advanced ADSL2+ capability of downstream rate up to 24Mbps. The powerful SOHO Firewall feature protects against hackers' attacks when you surf the Internet. VPN pass-through is also built-in for secure access. In addition, the web-based Graphic User Interface allows you to install and manage your network easily. The BiPAC 5200 RC makes fast net surfing affordable and easy - Going online is just 'plug & play'.

Express Internet Access

The router complies with worldwide ADSL standards. It supports downstream rate up to 12/24Mbps with ADSL2/2+, 8Mbps with ADSL and upstream rate up to 1Mbps. With this technology, users enjoy not only high-speed ADSL service but also broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever. Particularly, Annex M standard combined in the BiPAC 5200 RC model supports the latest ADSL2/2+ for higher upload speeds by doubling the upstream data rate.

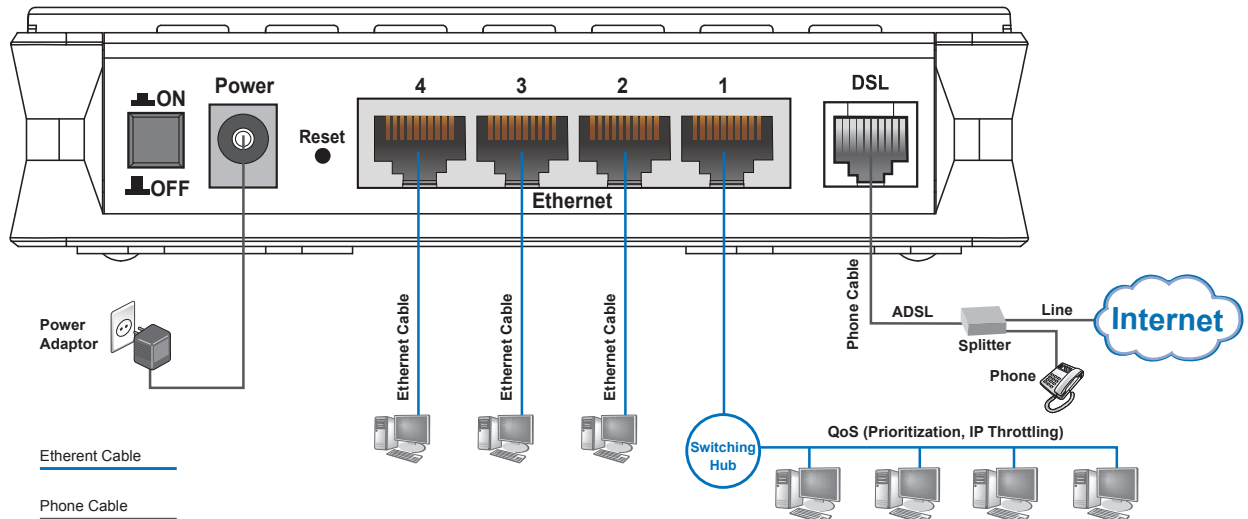
SOHO Firewall Security

Along with the built-in NAT natural firewall feature, the router's advanced anti-hacker pattern-filtering protection feature automatically detects and blocks Denial of Service (DoS) attacks. In addition to the NAT technology, the BiPAC 5200 RC supports Packet Filtering for high-level security control.

Easy Network Management

The Web-based User Interface makes the BiPAC 5200 RC extremely easy for users to install and manage the network. The router supports DHCP client and server, enabling system administrators to easily fit this security router into existing network environment and manage the IP assignment without re-configuring other stations. Furthermore, future firmware upgrade can be downloaded via the user-friendly Web-based Interface.

- High speed Internet access with ADSL2/2+; backward compatible with ADSL
- Easy Network Management
- Integrated with 4-port Ethernet Switch
- Single Internet Port
- SOHO Firewall Security with DoS Prevention and Packet Filtering
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Supports Virtual Private Network (VPN) pass-through
- Ideal for Home and SOHO Users
- TR-069 Support²



Features & Specifications

ADSL Compliance

- Compliant with ADSL Standard
 - 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
- Compliant with ADSL2 Standard
 - ADSL2 Annex M (ITU G.992.3 Annex M) (Available for BiPAC 5200 RCA model only)
- Compliant with ADSL2+ Standard
 - G.dmt.bisplus (ITU G.992.5)
 - ADSL2+ Annex M (ITU G.992.5 Annex M) (Available for BiPAC 5200 RCA model only)

Network Protocols and Features

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

Firewall & Virtual Private Network (VPN)

- Built-in NAT Firewall
- Prevent DoS attacks including Land Attack, Ping of Death, etc.
- Anti probe function
- Packet filtering
- Password protection for system management
- VPN pass-through

Quality of Service Control

- Supports the DiffServ approach
- Traffic prioritization based-on IP protocol, port number and address

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
- ATM QoS: UBR, CBR, VBR-rt, VBR-nrt

Management

- Web-based configuration
- Firmware upgrades and configuration data upload/download via web-based interface
- SNMP v1/v2, MIB supported
- Supports DHCP server/client/relay
- TR-069 Support²

Operating Environment

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

Hardware Specifications

Physical Interface

- DSL: ADSL port
- Ethernet: 4-port 10/100M auto-crossover (MDI/MDI-X) switch
- Factory default reset button
- Power jack
- Power switch

Physical Specifications

- Dimensions: 5.53" x 3.56" x 1.37" (140.5mm x 90.5mm x 35mm)

Power Requirements

- Input: 12V AC, 0.8A

Models & Supported Standards

- BiPAC 5200 RCA: Supports Annex A and Annex M
- BiPAC 5200 RCU: Supports U-R2 and Annex B
- Annex A and Annex M: ADSL over POTS
- Annex B and U-R2: ADSL over ISDN

Notes:

1. The router may require firmware modification for certain ADSL2+/Annex M DSLAMs.
2. On request for Telco/ISP projects.
3. Specifications in this datasheet are subject to change without prior notice.