



▲ BiPAC 5200S RC Rear Panel



▲ BiPAC 5200S RD Rear Panel

BiPAC 5200S RC/RD

Pocket-size ADSL2+ Modem/Router

Billion's BiPAC 5200S RC/RD 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 rates of up to 24 Mbps. 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 5200S RC/RD 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 rates of up to 12/24 Mbps with ADSL2/2+, 8 Mbps with ADSL, and upstream rates of up to 1 Mbps. 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 more quickly and easily than ever. Particularly, the Annex A+M model also supports the latest ADSL2/2+ for higher upload speeds by doubling the upstream data rate.

SOHO Firewall Security

Along with the built-in NAT 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 5200S RC/RD supports Packet Filtering for high-level security control.

Easy Network Management

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

- High speed Internet access with ADSL2/2+; backward compatible with ADSL
- Easy Network Management
- Single Ethernet 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

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
 - G.dmt.bis (ITU G.992.3)
 - ADSL2 Annex M (ITU G.992.3 Annex M)
(Available for BiPAC 5200S *RCA*/5200S *RDA* model only)
- Compliant with ADSL2+ Standard
 - G.dmt.bis plus (ITU G.992.5)
 - ADSL2+ Annex M (ITU G.992.5 Annex M)
(Available for BiPAC 5200S *RCA*/5200S *RDA* model only)

Network Protocols and Features

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

Firewall & Virtual Private Network (VPN)

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

Operating Environment

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

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 and download via HTTP/FTP
- SNMP v2 MIB supported
- Supports DHCP server/client/relay
- TR-069 supports remote management (BiPAC 5200S *RD* only)

Hardware Specifications

Physical Interface

- DSL: ADSL port
- Ethernet: single port 10/100M auto-crossover (MDI/MDI-X) switch
- Factory default reset button
- Power jack
- Power switch (BiPAC 5200S *RD* only)

Physical Specifications

- Dimensions: 5.53" x 3.56" x 1.38"
(140.5mm x 90.5mm x 35mm)

Power Requirements

- Input: 12V AC, 1A

Models & Standards Supported

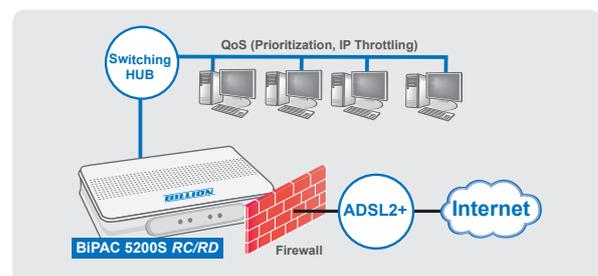
Product Models

- BiPAC 5200S *RC*/*RD*:
Pocket-size ADSL2+ Modem/Router

Standards

- BiPAC 5200S *RCA*/5200S *RDA*:
Supports Annex A and Annex M
(Annex A and Annex M: ADSL over POTS)
- BiPAC 5200S *RCU*/5200S *RDU*:
Supports Annex B and U-R2
(Annex B and U-R2: ADSL over ISDN)

Application Diagram



* The router may require firmware modification for certain ADSL2+/DSLAMs.
* Specifications are subject to changes without notice.