



Ideal for
SOHO and
Residential
Users

BiPAC 5400N R2

300Mbps Wireless-N ADSL2+ Firewall Router

Optimized Wireless Coverage

The BiPAC 5400N R2 is a high-performance and fully featured ADSL2+ router designed to provide ultimate network stability and security for residential and SOHO users. With an integrated 802.11n wireless access point which supports up to 300Mbps operation rate, the BiPAC 5400N R2 expands wireless coverage of up to 3 times faster than the range of 802.11g. The router is also equipped with a 4-port Ethernet switch, enabling other network end-devices, such as computers, tablets or smart phones, to access the Internet over Ethernet cable.

High-speed ADSL2+ Internet Access

Complied with latest ADSL/ADSL2+ standards, the BiPAC 5400N R2 provides Internet transmission of up to 8/24Mbps downstream with ADSL2/ADSL2+ and 1Mbps upstream with ADSL. Moreover, the BiPAC 5400N R2 is completely compatible with DSLAM (Digital Subscriber Line Access Multiplexer) which is designed to take advantage of triple-play services, allowing users to access the wider network and further enjoy higher-speed multimedia applications such as online gaming, media streaming and video calling that assist in delivering the best possible user networking experience. It can also carry out Video on Demand (VoD), FTP, file downloading that performs quicker than traditional modem.

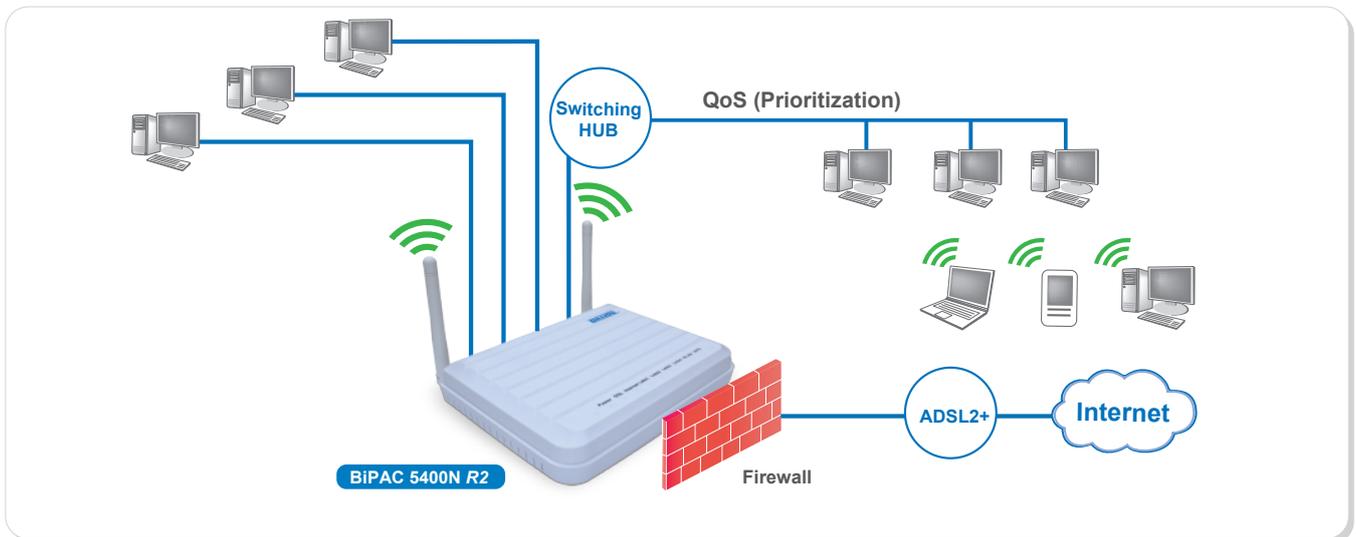
Firewall Security and QoS

The BiPAC 5400N R2 contains a built-in Stateful Packet Inspection (SPI) firewall and supports the features of Wireless Protected Access and Wired Equivalent Privacy encryption to improve the level of transmission security and access control over wireless LAN. Quality of Service (QoS) Control prioritizes the traffic to ensure a smooth connection while running multiple applications.

Easy Network Management

The web-based graphical user interface (GUI) makes it straightforward for users to remotely upgrade and configure the BiPAC 5400N R2. The router supports both DHCP client and server, enabling users to easily fit this router into existing network environments and manage the IP assignment without having to re-configure other stations.

- High speed Internet access with ADSL2/2+; backward compatible with ADSL
- Compatible with IEEE 802.11b/g/n standards
- Wireless speed up to 300Mbps
- Integrated 4-port Ethernet switch
- Supports IPv6
- WPS (Wi-Fi Protected Setup) for easy setup
- SOHO firewall security
- Supports VPN pass-through
- Quality of Service (QoS) control
- Web-based configuration
- Easy network management



Features & Specifications

DSL Standards

- ANSI T1.413 issue 2
- ITU G. 992.1 (G.dmt)
- ITU G. 992.2 (G.lite)
- ITU G. 992.3 (ADSL2)
- ITU G. 992.5 (ADSL2+)
- ITU G. 994.1, ITU G. 997.1
- ETSI ETR-328

Protocol and Features

- Supports 8 PVCs
- QoS based on PVC
- IP routing (TCP/UDP/ICMP/ARP)
- DHCP client/server for IP management
- DHCP relay
- 802.1D transparent bridging
- RIP v1, RIP v2
- Supports static routing
- IP multicasting IGMP v1/v2
- IGMP snooping
- RFC 2684 IP bridging; RFC 2684 IP routing; RFC 2516 PPPoE over ATM; RFC 2364 PPPoA
- NAT and PAT (RFC 1631)
- NAT with application layer gateway
- Supports DMZ
- DNS relay

Management

- Web-based configuration for firmware upgrade
- TR-069* supports remote management
- Supports backup and restore configuration to/from PC
- TR-64 for LAN management
- Supports DHCP server for IP management
- Supports diagnostic function
- SNMP V2C
- TFTP/FTP upgrade

Quality of Service

- Port-based QoS
- 802.1bit marking

ATM Attributes

- ATM cell over AAL5
- Supports OAM F4/F5 loop back
- Traffic classes support of UBR, CBR, VBR-nrt, VBR-r
- VPI range (0-255) and VCI range (1-65535)

*Notes:

1. Only upon request for Telco / ISP Project.
2. Specifications in this datasheet are subject to change without prior notice.

Wireless Features

- Compatible with IEEE 802.11b/g/n
- Achieves 300Mbps data transfer rates
- Supports 64/128-bit WEP
- Wireless security with Wireless Protected Access
- WPS (Wi-Fi Protected Setup) for easy setup
- Dynamic WEP key
- MAC association control

Firewall Security

- Source IP address, destination IP address, source port addresses, source MAC address, destination port addresses
- Stateful Packet Inspection (SPI)
- Filtering on application/port basis

Virtual Private Network

- Standard (IPSec, L2TP, PPTP) pass-through
- Compatibility with other IPSec VPN gateways
- Supports multiple simultaneous login via FTP/HTTP/Telnet

Hardware Specification

- One RJ-11 port for connection to WAN (for ADSL line)
- Four RJ-45 ports for 10/100 Base-T Ethernet LAN
- One power switch
- One power jack
- Two 2dBi fixed antennas
- One reset button to default setting
- One WPS button
- One WiFi button

Power Requirement

- AC power adapter: 100VAC-240VAC
- DC voltage: 12V, 0.5A

Physical Specifications

- Dimensions: 5.9"x4.33"x1.78" (150mmx110mmx35mm)

Operating Environment

- Temperature
 - 0°C~50°C (standard operating)
 - 20°C~70°C (non-operating)
- Humidity
 - 10%~90% (non-condensing, standard operating)
 - 5%~95% (non-condensing, non-operating)