

## Features & Specifications

### ADSL Compliance

- Compliant with ADSL Standard
  - Full-rate ANSI T1.413 Issue 2
  - G.dmt (ITU G.992.1)
  - 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 Annex A+M model only)
- Compliant with ADSL2+ Standard
  - G.dmt.bisplus (ITU G.992.5)
  - ADSL2+ Annex M (ITU G.992.5 Annex M)
  - (Available for Annex A+M model only)

### Network Protocols and Features

- NAT, static routing and RIP-1/2
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server and DMZ
- SNTP, DNS relay and IGMP proxy
- POP3 (email account checking)
- IGMP Snooping for video service

### Firewall

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- 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 or domain name detection in URL string

### HomePNA3.0 Compliance

- Spectrum: 4-21MHz (BiPAC 7402HC and BiPAC 7402HCG)
- Data Rate: Up to 128Mbps
- F-Type Female Coax Connector: 2, one for HomePNA over Coax, one for TV signal bypass (BiPAC 7402HC and BiPAC 7402HCG)
- Phone line Connector (RJ-11): 2, one for HomePNA over Phone line, one for PSTN signal bypass (BiPAC 7402HP and BiPAC 7402HPG)

### Quality of Service Control

- Support DiffServ approach
- Traffic prioritization and bandwidth management 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)
- Classical IP over ATM (RFC 1577)
- MAC Encapsulated Routing (RFC 1483 MER)
- OAM F4/F5

### Management

- Quick Installation Wizard and Auto-scan ADSL settings
- Web-based GUI for remote and local management
- Firmware upgrade and configuration data upload and download via Web-based GUI
- Embedded Telnet server for remote and local management
- Available Syslog monitoring
- SNMP v3, MIB-I and MIB-II support
- Support DHCP server/client/relay

### Hardware Specification

#### Physical Interface

- WALN: antenna (BiPAC 7402HCG and 7402HPG)
- WAN: ADSL port
- LAN: 4-port 10/100M auto-crossover (MDI/MDI-X) Switch
- Console: the Ethernet Port #4 can be also connected to console
- HCNA and TV : F-Type Coax Connectors (BiPAC 7402HC and BiPAC 7402HCG)
- HPNA and Phone: RJ-11 Connectors (BiPAC 7402HP and BiPAC 7402HPG)
- Factory default reset button
- Power jack
- Power switch

### Physical Specification

- Dimensions: 8.27" x 5.83" x 1.42"  
(210mm x 148mm x 36mm)

#### Power Requirement

- Input: 12VDC, 1A

### Operating Environment

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

### Models & Standards Support

#### Product Models

BiPAC 7402HC	Coax ADSL2+ Router
BiPAC 7402HCG	802.11g Coax ADSL2+ Router
BiPAC 7402HP	Phoneline ADSL2+ Router
BiPAC 7402HPG	802.11g Phoneline ADSL2+ Router

Product Model	Coax Interface	Phoneline Interface	802.11g
BiPAC 7402HC	2 ports	-	-
BiPAC 7402HCG	2 ports	-	v
BiPAC 7402HP	-	2 ports	-
BiPAC 7402HPG	-	2 ports	v

#### Standards

- BiPAC 7402HxxA: Annex A
- BiPAC 7402HxxM Annex A & Annex M
- BiPAC 7402HxxU : Annex B & U-R2
- Annex A and Annex M support ADSL over POTS
- Annex B and Annex U-R2 support ADSL over ISDN

Specifications in this datasheet are subject to changes without prior notice. 040308

## BiPAC 7402H series

# (802.11g) Coax / Phoneline ADSL2+ Router

- BiPAC 7402HC
- BiPAC 7402HCG
- BiPAC 7402HP
- BiPAC 7402HPG



- HomePNA 3.0 maximal data transmission rates of up to 128Mbps
- High speed Internet access with ADSL2/2+-backward compatible with ADSL
- 2 coaxial interface (BiPAC 7402HCG and BiPAC 7402HC)
- 2 RJ-11 ports for phoneline (BiPAC 7402HPG and BiPAC 7402HP)
- 802.11g with WPA-PSK / WPA2-PSK (BiPAC 7402HCG and BiPAC 7402HPG)
- Firewall security with DoS prevention and SPI
- Quality of Service control for traffic prioritization and bandwidth management
- Ease of use with quick installation wizard and auto-scan ADSL settings
- Support IPTV application\*
- Ideal for home and SOHO users

