

SHDSL Firewall Bridge/Router with 4-port Switch

Securely share your high speed SHDSL connection



▲ **BIPAC-840**

- Symmetric Transmission Auto-detect Speed of up to 2.3Mbps
- High-speed Back-to-back Connectivity for Bandwidth-consuming Applications
- High-speed Internet Access with SHDSL
- SOHO Firewall Security with DoS Prevention
- Virtual Private Network (VPN)
- Web-based Configuration and Management
- Integrated with 4-port Ethernet Switch
- Ideal for office users

High-speed Internet Access with SHDSL

The BIPAC-840 complies with SHDSL standards for worldwide deployment and supports symmetric rates of up to 2.3Mbps. It is designed for office users, enabling high-speed Internet connections. User can enjoy SHDSL services and broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever before

High-speed Back-to-back Connectivity

The BIPAC-840 can be configured as RT/COT (client/server) mode for back-to-back applications. With symmetric transmission auto-detect speed of up to 2.3Mbps, it can offer a cost-effective way for bandwidth-consuming applications, such as distance learning and video conferencing.

SOHO Firewall Security with DoS

Along with the built-in NAT natural firewall feature, the BIPAC-840 also provides advanced hacker pattern-filtering protection. It can automatically detect and block Denial of Service (DoS) attacks, such as IP Spoofing, Ping of Death, etc.

Virtual Private Network (VPN)

The BIPAC-840 supports embedded VPN protocols, including PPTP client and IPSec (IKE, DES and 3DES), for establishing a private encrypted tunnel over the public Internet to ensure transmission security between two or more sites.

Feature & Specification

SHDSL Compliance

- Compliant with ITU 991.2 standard
- Symmetric auto-detect/manual-selectable rate of up to 2.3Mbps

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 and destination IP address
- URL filtering – string or domain name detection in URL string

Virtual Private Network (VPN)

- Embedded IPSec & PPTP client protocols
- IKE key management
- DES and 3DES encryption for IPSec
- L2TP/PPTP/IPSec pass through

Hardware Specification

Physical Interface

- WAN: SHDSL port
- Console: RS-232
- LAN: 4-port 10/100Mbps auto MDI/MDI-X Switch
- Power jack

Physical Specification

- Dimensions: 8.30" x 5.80" x 1.26"
(210mm x 147mm x 32mm)

Power Requirement

- Input: 12V DC, 1A

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)
- OAM F4/F5

Network Protocols and Features

- NAT, static routing and RIP-1/2
- Transparent bridging
- Virtual Server and DMZ

Management

- Web-based GUI for remote and local management
- Embedded Telnet server for remote and local management
- Support DHCP server/client

Operating Environment

- Operating temperature: 0 ~ 45°C
- Storage temperature: -20 ~ 70°C
- Humidity: 20 ~ 95% non-condensing



Specifications are subject to change without notice.

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