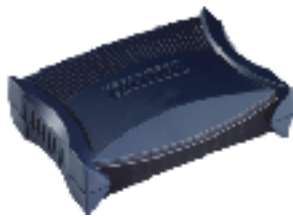


**BIPAC 5102SM****ADSL2+ Modem with Single Ethernet Port****▲ BIPAC 5102SM**

- High-speed Internet Access with ADSL, capable of ADSL2/2+
- Plug-and-play Installation
- Compact Design for Broadband Access
- Ideal for residential users

High-speed Internet Access with ADSL, capable of ADSL2/2+

The BIPAC 5102SM complies with ADSL standards for worldwide deployment. It supports downstream rate up to 8Mbps with ADSL, capable of up to 12/24 Mbps with ADSL2/2+, and upstream rate up to 1 Mbps. Users can enjoy ADSL services and broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever before.

Plug-and-play Installation

The BIPAC 5102SM supports up to 64 pre-defined PVCs and can automatically detect and select the active VPI/VCI from the pre-defined list after ADSL line is synchronized. It is plug-and-play.

Feature & Specification**▶ ADSL Compliance**

- Compliant with ADSL Standards
 - 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
- Capable of ADSL2 Standard
 - G.dmt.bis (ITU G.992.3)
- Capable of ADSL2+ Standard
 - G.dmt.bisplus (ITU G.992.5)

▶ Network Protocols and Features

- Transparent bridging
- IP/UDP for TFTP service
- ICMP for Ping service
- ARP

▶ Hardware Specification**Physical Interface**

- LINE: ADSL port
- LAN: 10/100M auto-crossover (MDI/MDI-X)
- Factory default reset button
- Power jack

Physical Specification

- Dimensions: 5.20" x 3.70" x 1.38" (132mm x 94mm x 35mm)

Power Requirement

- Input: 9V AC, 1A

▶ ATM and PPP Protocols

- RFC 1483 Bridged Ethernet
 - encapsulation
- VC and LLC based multiplexing
- Support up to 64 PVCs, and 1 PVC
 - active (automatically detect & select the active PVC from pre-defined PVC list)
- OAM F4/F5

▶ Management

- Firmware upgrade through TFTP
- Configuration data upload & download through TFTP
- Windows-based utility for parameter setting & monitoring
- Built-in diagnostic capability

▶ Operating Environment

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

* Specifications are subject to change without notice.

Billion Electric Co., Ltd.

8F, No.192, Sec.2, Chung Hsing Road,
Hsin Tien City, Taipei Hsien, Taiwan
TEL : +886-2-2914-5665

FAX : +886-2-2918-6731, +886-2-2918-2895

E-mail : sales@billion.com

www.billion.com

Powering communications
with **Security**