

## ADSL Modem with Single Ethernet Port

### Securely share your high speed ADSL connection



▲ BIPAC-5100SM

- High-speed Internet Access with ADSL
- Plug-and-play Installation
- Compact Design for Broadband Access
- Ideal for residential users

### High-speed Internet Access with ADSL

The BIPAC-5100SM complies with ADSL standards for worldwide deployment and supports downstream rates of up to 8 Mbps and upstream rates of up to 1Mbps. 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-5100SM 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
- Sync. Rate: up to 8Mbps for  download rate and 1Mbps for  upload rate.

### ▶ 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" \* 3.54" \* 1.61" (132mm x 90mm x 41mm)

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

\* Specifications are subject to change without notice.

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