

## BiPAC 5200SM

### Pocket-size ADSL2+ Modem



- High-speed Internet access with ADSL2+
- Plug-and-play installation
- Compact design for broadband access
- Ideal for residential users

#### High-speed Internet Access with ADSL2/2+

The BiPAC 5200SM complies with ADSL standards for worldwide deployment. It supports downstream rates up to 8Mbps with ADSL, capable of up to 12/24 Mbps with ADSL2/2+, and upstream rates 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 5200SM 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 Standard
  - 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

#### Operating Environment

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

#### 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
- Built-in diagnostic capability

#### 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

V.021507

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#### Note:

1. The router may require firmware modification for certain ADSL2/2+ Annex M DSLAMs
2. Specifications in this datasheet are subject to change without prior notice.