

## AM-100U

### USB ADSL Modem



The AM-100U is an USB ADSL Modem device set which provides an “Always-On” high speed broadband connection to the Internet. It connects your PC to the ADSL line and allow you to surf internet at high broadband speed. AM-100U is fully compliant with ANSI T1.413 Issue 2, ITU G.992.1 and ITU G.992.2 standards. With data transfer rates up to 8 Mbps downstream and 1 Mbps upstream, AM-100U is the ideal solution for high-bandwidth applications such as access to a corporate network, Internet access and video delivery.

#### Auto Installation



Traditionally, setting up the ADSL modem require knowledge on handshake protocol, VPI, VCI, and encapsulation. Those numbers are often difficult to obtain from ISP. The AM100U comes with an auto installation utility simple ask you about the country and ISP name, then your modem's settings are all correctly configured. The modem can support Annex A, B, and UR-2 protocols (different models) to

#### Specification

- **Auto Installation:** for Argentina, Austria, Belgium, Czech, Denmark, Finland, France, Germany, Hungary, Iceland, Israel, Italy, Netherlands, New Zealand, Norway, Poland, Portugal, Saudi Arabia, Slovakia, Spain, Sweden, Taiwan, UK, Venezuela and more...
- Support ANSIT1.413 Issue 2, ITU-T G.992.1 (G.DMT and ITU-T G.992.2 (G.LITE) Annex A/B/B (U-R2) ADSL Standard

- Support Bridged/Router Ethernet over ATM (RFC1438)
- Support Classical IP over ATM (RFC1577)
- Support ATM SAR, ATM Forum UNI 3.1/4.0 PVC, ATM
- SAR, ATM AAL5 and OAM F4/F5

#### Regulation:

- FCC Part 15 Class B, CE Mark



## Specification

- Downstream and Upstream data rates up to 8Mbps and 1Mbps respectively
- Full support PPP over ATM (RFC2364) standards
- Full support PPP over Ethernet (RFC2516) standards
- Full support Ethernet Bridging/Router over ATM (RFC1483) standards
- Full support Classical IP over ATM (RFC1577) standards
- Compliant with USB Specification 1.1
- Support Plug-and-Play Installation
- Bus-powered USB device
- Control panel applet provided for real time diagnostic information
- LED indicator indicates connection status

### ADSL Compliance

- Compliant with ADSL standards:
- Full Rate ANTI T1.413 i2 and ITU G.dmt (G992.1)
- Splitterless ITU G.lite (G992.2)
- DMT modulation and demodulation
- Rate adaptive:
- Maximum downstream rate of 8Mbps
- Maximum upstream rate of 1Mbps
- Support splitterless full rate operation
- Time detection for low power mode
- Support Dying Gasp functionality
- Interoperable with all major DSLAMs

### USB Interface

- Compliant with USB Specification 1.1
- Support USB full speed (12Mbps)
- Suspends/Resume
- Bus-powered device set

### OS Support

- Windows 98FE/98SE
- Windows ME/XP/2000
- MAC OS9/OSX (For 8M Memory model ONLY)
- Linux Kernel 2.4.x (For 8M Memory model ONLY)

### Temperature:

- Operating: 0~50 degree C
- Non-operating: -20~70 degree C

### Humidity:

- Operating: 20%~80% RH
- Non-operating: 20%~80% RH

### ATM Protocol Support

- WAN Mode:
- Support PPP over ATM (RFC2364)
- Support PPP over Ethernet (RFC2516)
- LAN Mode: Support Bridged/Router Ethernet over ATM (RFC1438)

## Ordering Information

**AM-100U**      USB ADSL Modem