

## **AMX-CA81R/CE81R/CA84R/CE84R 1/4-Port Ethernet Switch Annex A/B ADSL Router**

**Taipei, Taiwan, May 10, 2002** – The AMX-CE81R/CE84R or AMX-CA81R/CA84R 1/4 Port Ethernet Switch ADSL Router combines an “Always-On” high speed Asymmetric Digital Subscriber Line (ADSL) connection to the telephone line, and 1/4 Port 10/100BASE-T Ethernet Switch or Universal Serial Bus (USB) connection to a host PC or other Ethernet device into a single cost-effective solution.

### **Full support ADSL standards**

AMX-CE81R/CE84R or AMX-CA81R/CA84R ADSL Modem device set is compliant with the full-rate ANSI T1.413 Issue 2 and ITU G.dmt (G.992.1) ADSL standards, and with the splitterless ITU G.lite (G.992.2) specification. Both Annex A (ADSL over POTS for Model AMX-CA81R/CA84R) and Annex B (ADSL over ISDN for model AMX-CE81R/CE84R) of G.992.1 and G.992.2 are supported. This rate-adaptive solution is designed for Customer Premise Equipment and supports downstream data rates of up to 8 Mbps and upstream data rates of up to 1 Mbps.

### **High expansion**

AMX-CE81R/CE84R or AMX-CA81R/CA84R supports both USB and 1/4 port Ethernet switch to enable the widest array of host connectivity. All perform ATM Segmentation and Reassembly (SAR), industry standards for PPP over ATM (RFC 2364), bridged/routed Ethernet over ATM (RFC 1483), and PPP over Ethernet (RFC 2516), resulting in a cost-effective solution suitable for both full rate and G.lite applications. The non-reliance on host PC software drivers make the ADSL – 1/4 port Ethernet Switch/USB Modem Device Set ideal for ubiquitous broadband connectivity that is not limited by host OS, processor type/speed, or memory.

### **Easy connection**

The USB specification version 1.1 and IEEE 802.3 Ethernet specification are supported for connectivity to a host PC or other USB or Ethernet capable device. Auto-selection of which interface is active, as well as simultaneous operation of the both USB and Ethernet, are supported.

### **Multi-mode supported**

Networking support includes both bridge and router modes. Router Mode supports advanced features such as Network Address Translation (NAT), Dynamic Host Configuration Protocol (DHCP), and Routing Information Protocol (RIPv2). All setup and provisioning is performed by a simple and easy-to-use Web interface.