

# AR4031C

**ADSL Router/Modem with 4 Ports Switch**



## Features

- ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT), G.992.2 (G.Lite), G.992.3 (ADSL 2) and G.992.5 (ADSL 2<sup>+</sup>)
- Support bridging, routing, and PPP modes
- Web-based configuration environment
- Firmware upgrade available from TFTP via Ethernet port

**A**R4031C -ADSL router/modem provides you with astonishing Internet access speed. It's ideal solution for small business and home offices that are looking for a cost-effective, high-speed access, higher secure, and easier to setup equipment.

Setting up AR4031C could not be easier. Just connect your PC, laptop, or local area network to the AR4031C over an Ethernet and you are ready to go.



# AR4031C

ADSL Router/Modem with 4-Port Switch

## Specifications

### ADSL Compliance

- Support Dual latency with auto-detection
- ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT), G.992.2 (G.Lite), G.992.3 (ADSL 2) and G.992.5 (ADSL 2<sup>+</sup>)

### ATM Protocols

- Multiple protocol over AAL5 (RFC2684)
- Support ATM cell format ITU-T I.361
- ATM Forum UNI 3.1/4.0 PVC
- Support up to 8 PVCs, each AAL5 PVC supports UBR
- OAM F4 & F5

### PPP Support

- PPPoA (RFC 2364)
- PPPoE (RFC 2516)

### Bridging

- Ethernet to ADSL self-learning Transparent Bridging (IEEE802.1d)
- Filtering functions-MAC address filtering and protocol filtering
- Support up to 256 MAC learning addresses

### Router Features

- RIP-1 and RIP-2
- Static routing
- NAT with ALGs
- DHCP Server/Relay/Client (RFC 2131, 2132)
- DNS Relay
- NAT/NAPT
- IGMP PROXY

### QoS

- ATM: CBR, rt-VBR, nrt-VBR
- IP: IP ToS function (RFC 1349), supports priority queues for upstream and downstream traffic based on ToS field

### Security

- Password protected security management
- User authentication for PPP (PAP/CHAP)
- Packet filtering
- Access Control List
- SSH

### Configuration Management

- LAN/WAN management via Telnet interface or Web-based browser interface
- SNMP MIB 2 management (RFC 1213)
- Firmware upgrade available by TFTP, FTP, HTTP Status
- Self-diagnostic function display and event report from Web-based management

### Physical Interface

- One RJ-11 port for ADSL connection
- Four RJ-45 ports for 10M/100M auto-sensing/auto-MDIX
- Ethernet LAN connection
- Power switch

### Power Requirement

- AC input voltage: 120 VAC
- Frequency: 60 Hz

### Operating Environment

- Temperature: 0 ~ 40<sup>o</sup> C
- Humidity: 10 to 90%, non-condensing

### Physical Specification

Dimension: 129(W) x 146(L) x 29(H) mm