

AR4031

ADSL Router/Modem with 4-Port Switch



Features

- ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT), G.992.2 (G.Lite), G.992.3 (ADSL 2), G.992.5 (ADSL2+)
- Support bridging, routing, and PPP modes
- Web-based configuration environment
- Firmware upgrade available from TFTP via Ethernet port

AR4031 -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 AR4031 could not be easier. Just connect your PC, laptop, or local area network to the AR4031 over an Ethernet and you are ready to go.



AR4031

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), G.992.5 (ADSL2+)

ATM Protocols

- Multiple protocol over AAL5 (RFC2684)
- Support ATM cell format ITU-T L361
- 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 display and event report from Web-based management
- Self-diagnostic function

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 Reset Button

Power Requirement

- AC input voltage: 100 to 120 VAC, 200 to 240 VAC
- Frequency: 50/60 Hz

Operating Environment

- Temperature: 0 – 50^o C
- Humidity: 10 to 90%, non-condensing

Physical Specification

- Dimension: 129(W) x 146(L) x 29(H) mm
- Weight: 250 g



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