

AW4061

4-Port ADSL WiFi Router



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AW4061, an ADSL2/ADSL2⁺ Ethernet/Wireless 802.11b/g AP router, provides cost-effective, high-speed data integration with wireless mobility. With AW4061, high-speed surfing becomes an enjoyable task with the most economical price/performance Ethernet/Wireless broadband access solution.

AW4061 is fully compliant with ANSI T1.413 i2, ITU G.992.1, ITU G.992.2 ITU G.992.3, G.992.4 and ITU G.992.5 specifications.

This rate-adaptive solution is especially designed for Customer Premise Equipment that supports downstream data rates up to 24 Mbps and upstream data rates up to 1 Mbps.

AW4061 is designed for simple installation and remote network management. Configuration and operation are extremely easy and user friendly.



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Specifications

HARDWARE

- Main chip : RTL8671P
- AFE (Analog Front End) : RTL8271
- Wireless LAN Controller: RTL 8185B
- IEEE 802.11 b/g WLAN RF Transceiver RTL8225
- Status LEDs Indicator
- ADSL2/2+ : One RJ-11 Jack
- LAN : 4-Port Switch, 10/100Mbps Auto MDI/MDIX
- One Reset Button for factory default setting recovery
- DC 15V/1 A power adaptor
- External Antenna

ADSL COMPLIANCE

- ANSI T1.413 Issue 2
- ITU-T G992.1 (G.dmt) Annexes A
- G.992.2 (G.lite) Annexes A
- G.992.3 ADSL2 (G.dmt.bis) Annexes A, and L
- G.992.4 ADSL2 (G.lite.bis)
- G.992.5 ADSL2+
- Support Up to 24 Mbps downstream and 1 Mbps upstream
- Optional support for TR-69

ATM PROTOCOLS

- Support up to 8 PVCs
- Support VC and LLC Multiplexing
- Support CBR, rt-VBR, nrt-VBR, UBR QoS
- Support ATM AAL5 adaptation layer

Wireless

- Standard: IEEE 802.11g and 802.11b
- 64/128 bits WEP for security
- WPA support
- Filtering functions-MAC address filtering and protocol filtering for up-link
- Output Power: 5mW, 30mW or 60mW
- Sensitivity: -85 dB 4 m (typical)
- Data Rate: up to 54 Mbps, auto-fallback
- Support WMM, WPS, WiFi Pairing

ETHERNET

- 4 Port Switch Interface compliant with IEEE 802.3x standards
- Automatic MDI/MDIX crossover for 10/100 Base-T port
- Auto-negotiation and speed-auto-sensing support
- 10/100 Full/Half (collision) flow control (control frame transmission)
- IEEE 802.1P/Q VLAN handling
- IP v4/v6, TCP, UDP packet auto-detection
- TCP, UDP, IP checksum task offload
- Uni/Mulcast address filter

SOFTWARE

- RFC-1483/2684 LLC/VC-Mux bridged/routed mode
- RFC-1577 Classical IP over ATM
- RFC-2516 PPPoE
- RFC-2364 PPPoA
- ITU-T 1.610 F4/F5 OAM send and receive loop-back
- 802.1d Spanning-Tree Protocol
- DHCP Client/Server/Relay
- NAT
- RIP v1/v2
- DNS Relay Agent
- DMZ support
- IGMP Proxy/Snooping
- Stateful Packet Inspection
- Protection against Denial of Service attacks
- IP Packet Filtering
- QoS
- Dynamic DNS
- UPnP support

MANAGEMENT

- Web-based Configuration
- Menu-driven Command-line Interpreter
- Telnet Remote Management
- SNMP v1/v2/Trap
- Firmware upgrade through FTP, TFTP and HTTP
- Configuration backup/restore
- Diagnostic Tool

ENVIRONMENT

- Operating : +0 ~ +50 degree centigrade
- Non-operating : -20 ~ +70 degree centigrade
- Operating : 10% ~ 90% RH
- Non-operating : 10% ~ 90% RH

