

WT-2000ARM

125Mbps Turbo-G Wireless ADSL2/2+ Router

The AirLive WT-2000ARM is a powerful wireless router with integrated ADSL modem. For users whose ISP offers USB ADSL modems that make IP sharing difficult or for those who prefer all-in-one design, the WT-2000ARM provides the complete wireless IP sharing solution with the renown AirLive user friendly interface and elegant housing. Just plug in the ADSL line into the router, the entire wired and wireless IP sharing network is instantly established.



Automatic Installation Program

Traditionally, setting up an ADSL modem router will require user to input parameters such as Encapsulation, VPI, VCI, Handshake protocols and more.... This procedure intimidates average users who might find the parameter values difficult to obtain. With the CD setup Wizard, you no longer have to deal with the complex ADSL parameters. Just follow the setup about the country and ISP you are using and enter the ISP's login and password. Then the router is ready to work. If your country or ISP is not on the list, just tell us, we can add them in the future release.



125Mbps Turbo-G Wireless Architecture

The router is equipped with four 10/100Mbps LAN ports with Auto MDI/MID-X function. But for those who prefer to forgo wires together, AirLive has integrated fast Turbo-G wireless solution into the device. This means it can achieve up to 1.5X the speed of normal 802.11g devices with Turbo-G or MIMO-G cards. It is also fully backward compatible with legacy 802.11g/b wireless devices.

Real World Performance



Global ADSL Compatibility

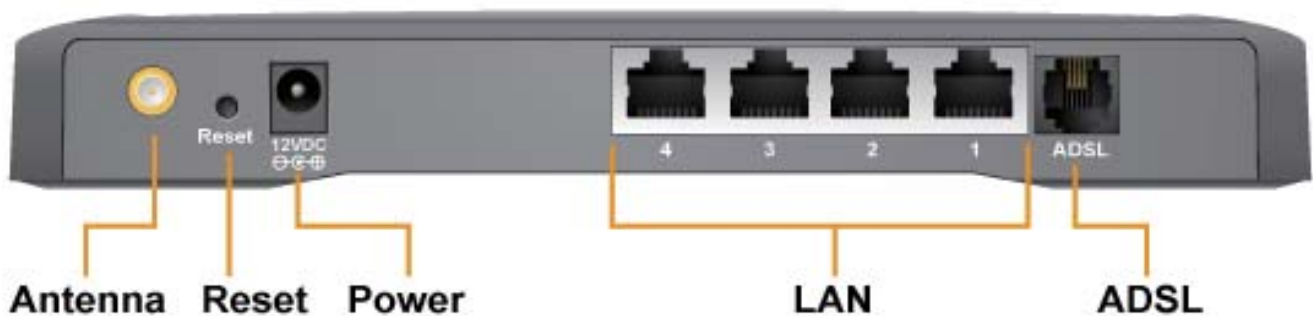
G.DMT and G.Lite are supported for connections up to 8Mbps downstream and 1Mbps upstream. Annex A and Annex B/UR2 are available for ADSL over conventional telephone or ISDN lines. In addition, the router features PPPoA and PPTP client to ensure compatibility with Alcatel DSLAM and PPTP users.

ADSL 2/ ADSL 2+

The WT-2000ARM is designed to perform reliably in adverse power and weather condition. The built-in Electrostatic Discharge Protection circuit minimize the effect of static electricity in the stormy weather environment. Each WT-2000ARM comes with full range switching power supply to protect the equipment from uneven voltage. Although these extra protection increase costs, the extra protection they bring will reduce the long term service and maintenance cost.

ESD and Power Surge Protection

The WT-2000ARM is designed to perform reliably in adverse power and weather condition. The built-in Electrostatic Discharge Protection circuit minimize the effect of static electricity in the stormy weather environment. Each WT-2000ARM comes with full range switching power supply to protect the equipment from uneven voltage. Although these extra protection increase costs, the extra protection they bring will reduce the long term service and maintenance cost.



Specifications

FEATURES

- CD based Auto Installation for Argentina, Austria, Australia, Belgium, Czech, Denmark, Egypt, France, Germany, Israel, Italy, Netherlands, Norway, Poland, Portugal, Saudi Arabia, Slovakia, Spain, Sweden, UK, and more...
- Wireless ADSL Router with built-in Modem
- Up to 24Mbps downstream(ADSL2+) and 3.5Mbps upstream bandwidth(ADSL2+M)
- Support ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT) and ITU-T G.992.2(G.LITE) Annex A/B ADSL standards
- Support G.992.4 ADSL 2(12Mbps) and G.992.5 ADSL2+(24Mbps)
- 4 x 10/100Mbps switching ports with Auto MDI/MDIX functions
- Web-based management
- UPnP support
- Annex A, B, I, M, L Support
- WPA-PSK, WPA2-PSK support

Wireless Interface

- Ralink Turbo-G
- Compatible with 802.11g, 802.11b, Turbo-G, MIMO-G Devices.
- Turbo mode boost up to 125Mbps (Physical Layer speed)*
- 16 ~ 18dBm
- 128-bit and 64-bit WEP support
- WPA-PSK, WPA2-PSK support
- Wireless MAC Address filter (8-entries)

Frequency

- 2.4 GHz ~ 2.477GHz

Output Power

- 11b: 17 ~ 19 dBm
- 11g: 14 ~ 16 dBm

Data Rate

- 11b: 1, 2, 5.5, and 11Mbps
- 11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps

Antenna gain

- 2.0 dbi ± 0.5dbi

ADSL Data Mode

- G.992.2 (G.LITE) : Downstream and Upstream data rates up to 1.5Mbps and 512Kbps
- G.992.1 (G.DMT): Downstream and Upstream data rates up to 8Mbps and 1Mbps
- G.992.4 splitterless ADSL 2: 12Mbps
- G.992.5 ADSL 2+: 24Mbps
- ATM Protocol
- Annex A for ADSL over analogue phone line
- Annex B/UR2 for ADSL over ISDN line
- Annex I, Annex M, Annex L Support WAN Mode Support
- PPP Over ATM (RFC2364) and PPP Over Ethernet (RFC 2516)
- DYNDNS.org support

LAN Mode Support

- Auto Encapsulation Detection
- Bridge/Routed Ethernet Over ATM (RFC1483)
- Classical Internet Protocol Over ATM (RFC 1577)
- Multi-VCS support up to 8 PVCs

Bridge Mode

- IEEE 802.1D
- Supports MAC Bridge control

Router Mode

- IP routing-RIPv2, Static routing, DHCP Server and Client
- NAT, ICMP

Firewall

- DMZ, Virtual Server
- SPI Firewall
- ACL Access management

Security

- User authentication for PPP
- PAP (Password Authentication Protocol), CHAP (Challenge Authentication Protocol)

Hardware Interface

- 1 x RJ-11 ADSL Port
- 4 x 10/100Mbps switching ports
- 12Vdc power adapter

Certifications

- FCC Part 15/FCC Part 68
- CE/ EN60950 3rd Ed.

Product Weight

- 260g

Product Size (L x W x H mm)

- 206 x 106 x 23 mm

Ordering Information:

AirLive WT-2000ARM 125Mbps* Turbo-G Wireless ADSL2/2+ Router – FCC
125Mbps* Turbo-G Wireless ADSL2/2+ Router – ETSI