

## ARM-204v2

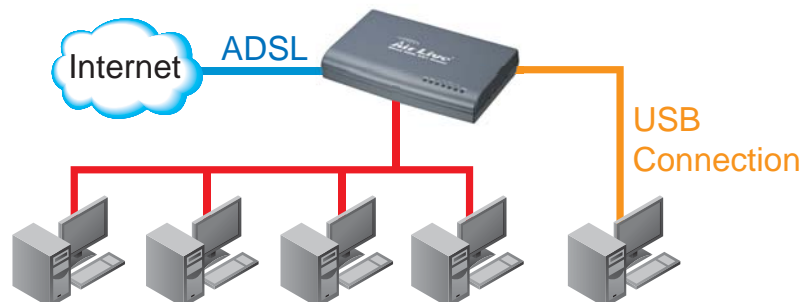
### Wire ADSL2/2+ Ethernet/USB Router

The AirLive ADSL2/2+ Ethernet/USB Router enable you to access a high-speed ADSL Internet connection. The ARM-204v2 supports the latest ADSL2/2+ standards to provide higher performance (up to 24Mbps downstream and 3.5Mbps upstream) and longer reach from your ISP DSLAM. The ARM-204v2 is also backward compatible with standard ADSL. To create a home or office network, simply add a multi-port router.



### 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 intimidate 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.



## ALWAYS CONNECTED, ALWAYS ON

Unlike a dial-up Internet service, a DSL Internet connection is always on so that you do not have to wait to access the Web. The ARM-204v2 will automatically detects your DSL settings to quickly establish a connection to the Internet.

The ARM-204v2 includes a simple configuration tool and a Web-based Interface that enables you to easily modify settings to connect to a DSL Internet service. The conveniently located LED indicators let you quickly check the ARM-204v2 status and activity.

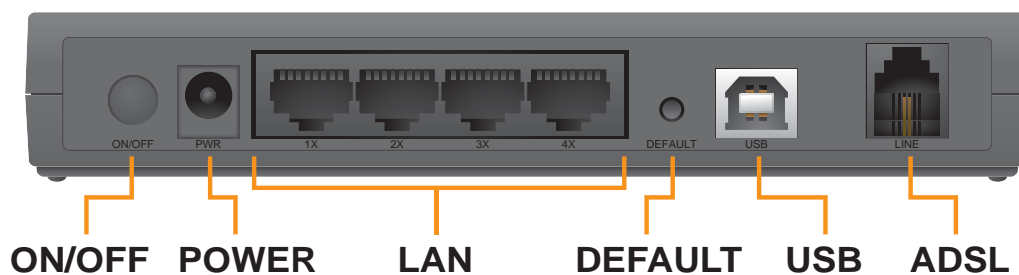
## Surf Internet Via USB and Ethernet

The ARM-204v2 offers both Ethernet and USB ports for flexible connectivity. The RJ-45 port enables you to connect an Ethernet device such a multiple-port router or an Ethernet Switch . If the Ethernet port is not being utilized, then you can use the USB port to connect computer.

The AirLive ADSL2/2+ Ethernet/USB Router is a great all in one high-speed DSL Internet access solution, whether you are a home user who requires a high-speed Internet access for faster file downloads, or a business user that relies on the Internet to conduct daily business.

## ESD and Power Surge Protection

The ARM-204 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 ARM-204 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

#### ADSL Compliant

- ANSI T1.413 issue 2
- ITU-T G.992.1 (G.dmt)
- ITU-T G.992.2 (G.lite)
- G.994.1 (G.hs, Multimode)
- ITU-T G.992.3 (ADSL2 G.dmt.bis)

- ITU-T G.992.4 (ADSL2 G.lite.bis)
- ITU-T G.992.5 (ADSL2+, Annex A, B, L, M)
- Reach Extended ADSL (RE ADSL)

#### ATM and PPP Protocols

- Support up to 8PVCs

- ATM Forum UNI 3.1/4.0 PVC
- Multi Protocol over AAL5 (RFC1483 / 2684)
- VC and LLC Multiplexing
- PPP over Ethernet (RFC 2516)
- PPP over ATM (RFC 2364)
- Traffic Shaping (ATM QoS) UBR, CBR, VBR, VBR-rt, VBR-nrt
- OAM F4 and F5 segment end-to-end loop-back, AIS, and RDI OAM cells
- VPI is 0-255 and VCI is 32-65535

### **Bridging / Routing**

- Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1d)
- IP routing-RIPv2 (backward compatible with RIPv1)
- Static IP routing
- Routing (TCP/IP/UDP/ARP/ICMP)
- IP Multicast IGMP v1/v2

### **IP Management**

- NAT (Network Address Translation)
- NAPT (Network Address and Port Translation)
- DHCP Server / Relay / Client (WAN Port)
- VPN (IPSec, PPTP, L2TP) Pass-Through
- DNS Proxy
- Dynamic DNS
- UPnP support
- Virtual Server (Port forwarding) and DMZ host

### **Security**

- PPP over PAP (Password Authentication Protocol; RFC1334)
- PPP over CHAP (Challenge Authentication Protocol; RFC1994)
- DoS Protection
- Stateful Packet Inspection (SPI)
- Built-in NAT Firewall
- IP-based Packet filtering
- Password Protected System Management

### **HTTP Web-basedmanagement**

- Web-based GUI Configuration / Management
- CLI (Command Line Interface) via serial interface or Telnet over Ethernet
- Telnet Remote Management
- Firmware upgrade via FTP / TFTP
- SNMP Support
- Built-in Diagnostic tool
- TR-069, CPE WAN Management Protocol

### **Dimension**

- 125mm(length) x 88mm (width) x 27mm (height)

### **Interface**

- One USB port compliant with USB v1.1, full speed (12Mbps)
- Four RJ45 ports compliant with IEEE 802.3/802.3u, 10/100Mbps auto negotiating
- One RJ11 port for ADSL connection
- One reset button for restoration of factory default setting
- One Power ON/OFF switch

### **LED Indicators**

- ADSL, DATA, LAN, USB, PWR

### **Supported OS**

- Windows 98SE, ME, 2000, XP, MAC OS

### **Power Requirement**

- Power Adapter: Input 110 ± 10 or 230 ± 10 VAC, Output 12VDC 600mA

### **Environmental**

- Operating temperature: 0°C ~ 70°C ambient
- Humidity: 5 % ~ 95 % (non-condensing)
- Storage temperature: -20°C ~ 70°C

### **Certification**

- FCC part 15, CE, LVD

### **Ordering Information:**

**AirLive ARM-204v2**

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