

eLive ARM-104v2

4-port ADSL Modem Router



The eLive ARM-104 is a powerful 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 ARM-104 provides the complete IP sharing solution with the renowned AirLive user friendly interface and elegant housing. Just plug in the ADSL line into the router, the entire IP sharing network is instantly established.

Web based Installation Wizard



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 special AirLive web auto setup program, you no longer have to deal with the complex ADSL parameters. Just tell the program 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.

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 to ensure compatibility with Alcatel DSLAM and PPTP users.

Powerful Router Function

Using the standard web browser, users can configure many advanced router functions. Bridge filter allows administrator to limit access based on MAC addresses. NAT configuration enables users to select whether to use dynamic NAT, static NAT, or static NAT for greater software compatibility and control. The router even permits administrators to exercise fine control over RIP and route table configurations. Finally, detailed status on WAN, ATM, ADSL, and TCP traffic are provided for traffic administration.

At last, a graphical user's guide is provided that includes step by step instructions on TCP/IP setup and hardware installation. ARM-104 is the culmination of AirLive's dedication on making powerful communication simple.



Specification

FEATURES

- Web based Auto Installation for Argentina, Austria, Belgium, Czech, Denmark, Finland, France, Germany, Hungary, Iceland, Israel, Italy, Netherlands, New Zealand, Norway, Poland, Portugal, Spain, Sweden, UK, Taiwan, and more...
- ADSL Router with built-in Modem
- 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
- 4 x 10/100Mbps switching ports with Auto MDI/MDIX functions
- Web-based management

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
- ATM Protocol
- Annex A for ADSL over analogue phone line
- Annex B/UR2 for ADSL over ISDN line

WAN Mode Support

- PPP Over ATM (RFC2364) and PPP Over Ethernet (RFC 2516)
- Mac Address Snooping(Cloning), Bridge, IGMP
- DHCP Client

LAN Mode Support

- Routed/Bridge Ethernet Over ATM (RFC1483)
- Classical Internet Protocol Over ATM (RFC 1577)
- Support ATM SAR, ATM AAL5, ATM Forum UNI3.1/4.0 PVC and support up to 8 PVCs

Bridge Mode

- IEEE 802.1D
- Supports up to 16 MAC Bridge control

Router Mode

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

Security

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

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.

Ordering Information

eLive ARM104v2-A	4-port ADSL Modem Router, Annex A
eLive ARM104v2-B	4-port ADSL Modem Router, Annex B
eLive ARM104v2-UR2	4-port ADSL Modem Router, Annex B



Manufacturer

OvisLink Corp.

www.airlive.com

eLive ARM-104v3

4-port ADSL2/2+ Modem Router

The AirLive ARM-104v3 is a powerful 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 ARM-104v3 provides the complete IP sharing solution with the renowned OvisLink user friendly interface and elegant housing. Just plug in the ADSL line into the router, the entire 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 exclusive AirLive Web wizard setup, 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.



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+

In addition to working with current ADSL 8Mbps ADSL spec. The ARM-104v3 is also compatible with the 12Mbps ADSL2 and 24Mbps ADSL2+ spec. Therefore, the ARM-104v3 is not only ready for today, but also for tomorrow's ADSL standards.

Advance Firewall Rules

The router includes many powerful and useful features for the routing function. The web filter is able to block the pop-up, javascript, active-x, or java applet. The comprehensive port forwarding (virtual server) function includes many ready built games, application, VPN, and server functions. So you can simply choose an application without need to know which port it uses. DMZ function is included to open all ports to certain service.

The IPQoS function allow administrator to assign IP priority for certain IP or Application. Moreover, the router also features Telnet and SNMP management capability for Telecom provider to diagnose the problems.



Multi-VCS, Long MTBF, support

The ARM-104v3 supports Multi-VCS capability for connection to more than one ADSL services. The use of high quality components is clearly demonstrated with the excellent 125954 hours of operation between failure(MTBF).

At last, a graphical user's guide is provided that includes step by step instructions on TCP/IP setup and hardware installation. ARM-104v3 is the culmination of all the latest ADSL technologies.

Specification

FEATURES

- Web 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...
- Support ANSIT1.413 Issue 2, ITU-T G.992.1 (G.DMT) and ITU-T G.992.2 (G.LITE) Annex A/B ADSL standards
- Support ADSL 2(12Mbps) and ADSL2+(24Mbps)
- 4 x 10/100Mbps switching ports with Auto MDI/MDIX functions
- Web-based management
- Telnet, SNMP, UPnP, 802.1x support
- WPA and WPA-PSK support
- Auto 2 way application and DMZ support
- IP QoS support

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
- ADSL 2: 12Mbps
- ADSL 2+: 24Mbps
- ATM Protocol
- Annex A for ADSL over analogue phone line
- Annex B/UR2 for ADSL over ISDN line

WAN Mode Support

- PPP Over ATM (RFC2364) and PPP Over Ethernet (RFC 2516)
- Mac Address Spoofing (Cloning), Bridge, IGMP
- PPTP client and DHCP Client

Ordering Information

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|---------------------------|-----------------------------------|
| eLive ARM104v2-A | 4-port ADSL Modem Router, Annex A |
| eLive ARM104v2-B | 4-port ADSL Modem Router, Annex B |
| eLive ARM104v2-UR2 | 4-port ADSL Modem Router, Annex B |

LAN Mode Support

- Bridge/Routed Ethernet Over ATM (RFC1483)
- Classical Internet Protocol Over ATM (RFC 1577)
- Support ATM SAR, ATM AAL5, ATM Forum UNI3.1/4.0 PVC and 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

Security

- User authentication for PPP
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- Password protected system management

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.

