

WN-151ARM

Wireless 11b/g/n 150Mbps ADSL2/2+ Router

The AirLive WN-151ARM is an all-in-one device that combines the functions of high-speed DSL modem, router, wireless-N access point and Fast Ethernet switch. It supports the latest ADSL2+ standard and allows you to access the Internet, surf the web at double the speed previously available through ADSL2. With the combine of Wireless N technology and WPS (Wi-Fi Protected Setup), it further enhanced the wireless transfer speed and coverage, also simplifies the security settings by push a button. AirLive WN-151ARM is the ideal cost-effective all-in-one broadband and wireless networking solution for home and small office.



ADSL
2/2+

Wireless
b/g/n

150
Mbps

WPA2

Multiple
SSID

WPS

UPnP

DMZ

150Mbps

**Wireless N
ADSL2/2+ Router**

ADSL2/2+

ADSL2 increases the downstream data rates to more than 12Mbps. With the ADSL2+ standard doubling the maximum frequency used for downstream data transmission. The AirLive WN-151ARM effectively provides downstream data rates of 24Mbps which allows you to access the Internet and surf the web at double the speed previously through ADSL2.

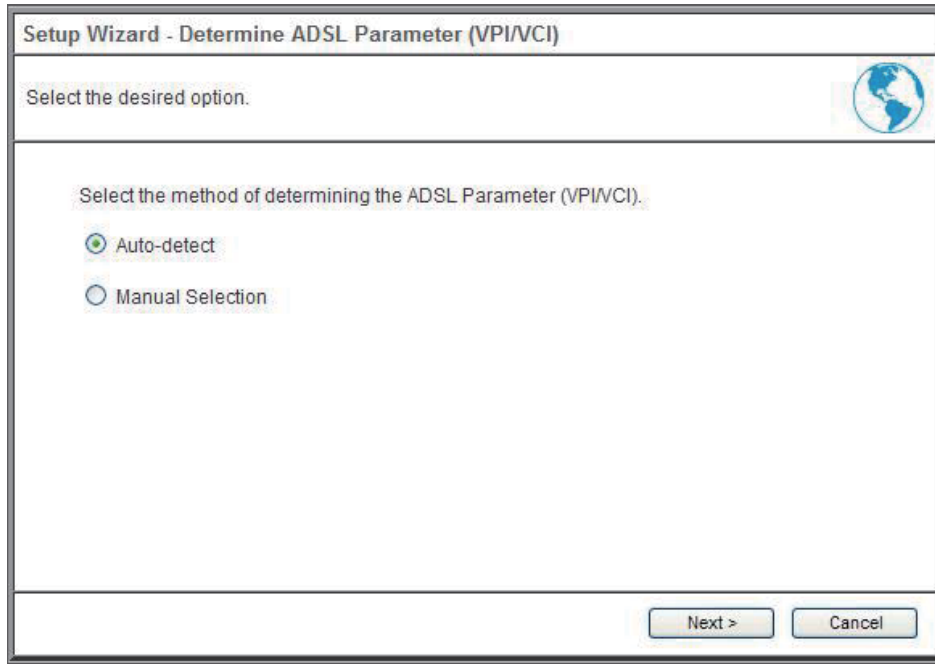
Automatic detection of DSL settings

With automatic scanning and detection of your DSL settings through the initial setup, the WN-151ARM quickly sets up your Internet connection without the trouble of finding parameter values.

Manufacturer

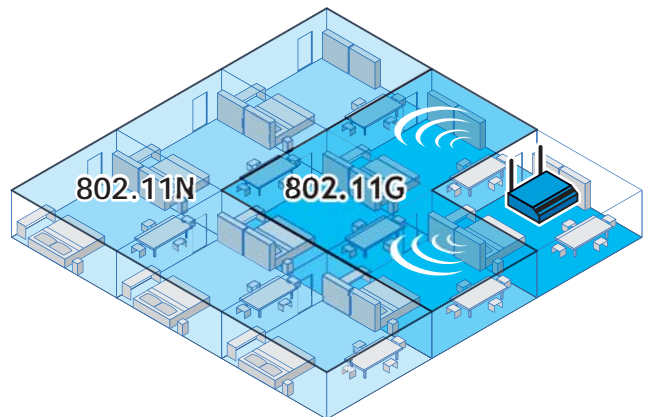
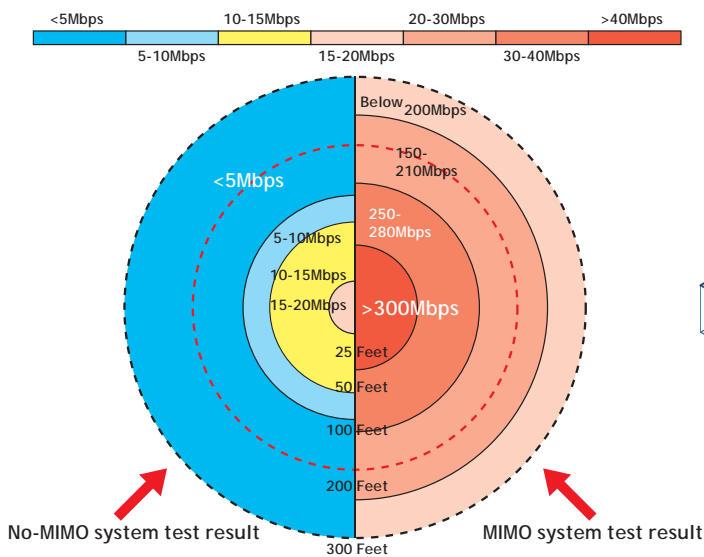
OvisLink Corp.

5F, No.96, Min-Chuan Rd., Hsin-Tien Dist., New Taipei City 231, TAIWAN



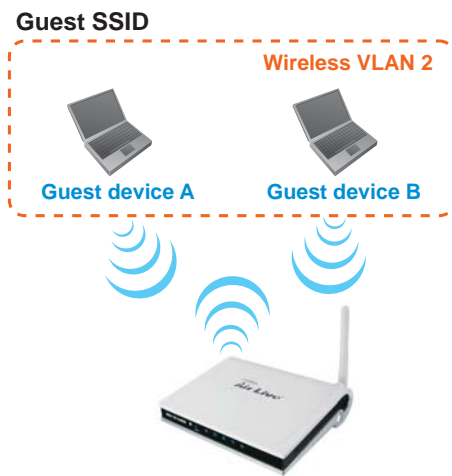
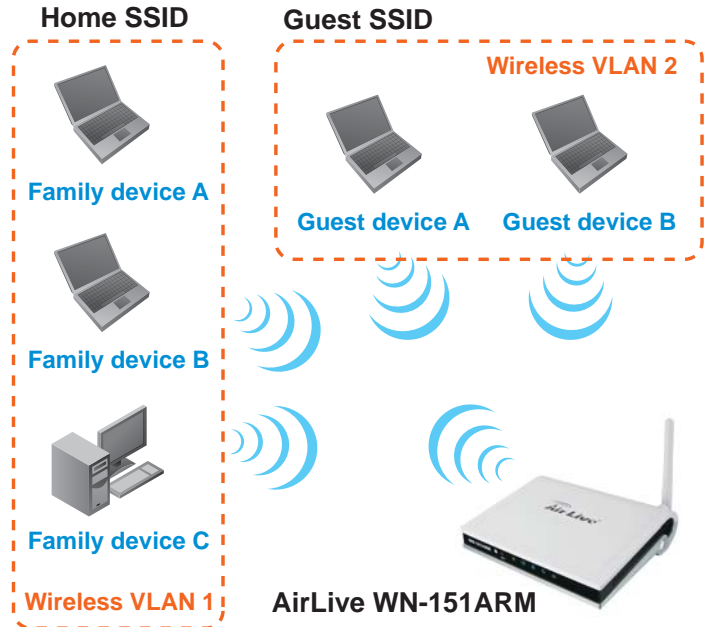
Wireless N Technology

The new Wireless N technology has dramatically increased the overall performance of a wireless network. With the enhanced transfer speed and coverage, the new Wireless N technology greatly surpasses 802.11g. It delivers up to 3x faster data transfer speed than Wireless-G. This new standard uses the MIMO (Multiple-Input-Multiple-Output) and Smart Antenna technology which allows you to connect at extend distances around home or office.



Multiple SSID and Isolation within SSID

With Multiple SSID, user can create different wireless networks using one single Access Point, such as Private Network for the family members and Public Network for the visitors. User can assign different policies and functions for each SSID, increasing the flexibility and efficiency of the network infrastructure.



AirLive WN-151ARM

Isolation within SSID enabled, Guest device A and B will not be able to see each other.

The Isolation within SSID further enhanced the wireless security; it isolated each individual user within the SSID and allows them not to be able to detect each other.

Bandwidth Management

The QoS (Quality of Service) feature allows prioritizing the different package according the 802.11e WMM protocol and triple play (Voice, Video and Data) automatically.

The AirLive WN-151ARM also provides the capability to control total bandwidth or limit the bandwidth by application. Therefore, the administrator can setup different class of connection speeds for different applications.

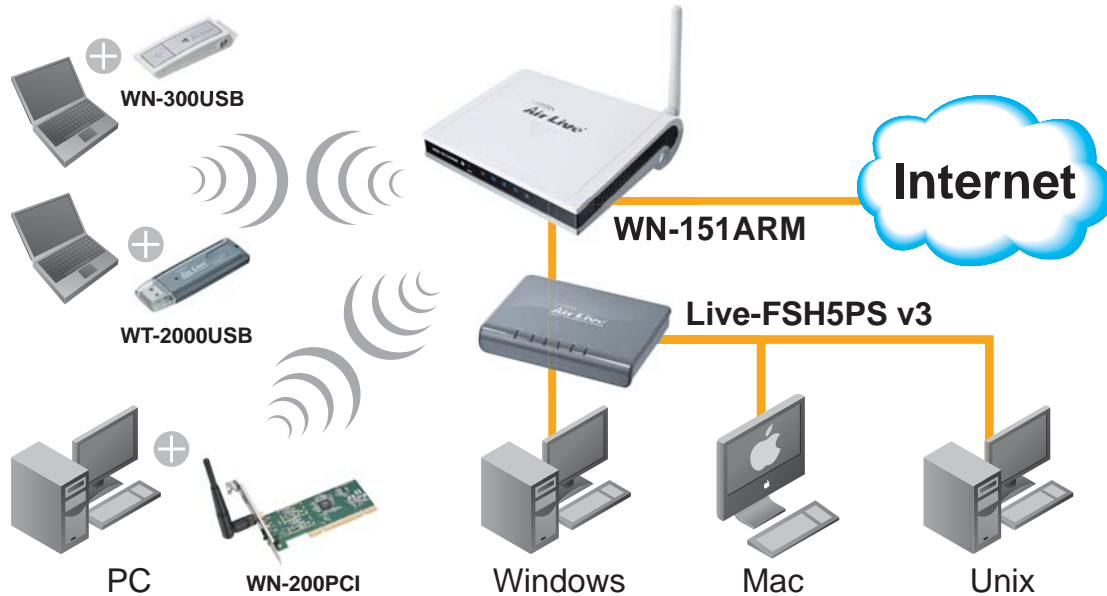
QOS

Qos Setting Enabled Disabled

Wan Setting Downlink: kbps Uplink: kbps

Category

Applications			HTTP
Ip/Net	192.168.1.		
Outbound Rate	<input type="text"/>	kbps -	<input type="text"/> kbps
Inbound Rate	<input type="text"/>	kbps -	<input type="text"/> kbps
Priority			High



Specifications

Standards

- IEEE 802.3 (10BaseT Ethernet)
- IEEE 802.3u (100BaseTX Fast Ethernet)
- IEEE 802.11b (11Mbps Wireless LAN)
- IEEE 802.11g (54Mbps Wireless LAN)
- ITU G.992.1 Annex A (ADSL/POTS)
- ITU G.992.2 G.lite
- ITU G.992.3 Annex A, ADSL2
- ITU G.992.3 Annex A, DELT
- ITU G.992.3 Annex L, READSL
- ITU G.992.5 Annex A, ADSL2+
- ITU G.992.5 Annex M
- Multi-Mode code support
- ANSI T1413 support

General

- WAN port: 1 x RJ11 ADSL line
- LAN port: 1 x RJ45 10/100Mbps Auto MDI/MDI-X
- Flash: 4MB
- Memory: 16MB SDRAM
- Certifications: CE Mark, FCC Class B, RoHS

Router

- Supported connection types:
 - PPP over Ethernet (RFC 2516)
 - PPP over AAL5 (RFC 2364)
 - Multiple protocols over AAL5 (RFC 1483/2684)
- NAT
 - Virtual Server
 - DMZ (demilitarized zone)
 - Port forward
- Firewall
 - MAC address filter
 - URL filter
- UPnP (Universal Plug and Play)
- DHCP (server/client)
- VPN pass-through (PPTP, L2TP, IPSec)
- DDNS (Dynamic Domain Name Service)
- WDS (Wireless Distribution System)
- QoS (Quality of Service)

Wireless

- Chipset: Ralink
- Wireless Frequency Range: 2.4 ~ 2.4835 GHz
- Modulation Technologies:
 - 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
 - 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
 - 802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
- Channels:
 - USA & Canada: 11 channels
 - Europe: 13 channels
- Data Rates:
 - IEEE 802.11b (11Mbps, 5.5Mbps, 2Mbps, 1Mbps)
 - IEEE 802.11g (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)
 - IEEE 802.11n 40MHz (135Mbps, 121.5Mbps, 108Mbps, 81Mbps, 54Mbps, 40Mbps, 27Mbps, 13.5Mbps)
 - IEEE 802.11n 20MHz (65Mbps, 58.5Mbps, 52Mbps, 39Mbps, 26Mbps, 19.5Mbps, 13Mbps, 6Mbps)
- Wireless Security
 - WEP (64/128bit)
 - WPA-PSK
 - WPA2-PSK
 - 802.1x
- Antenna
 - 1 x detachable dipole antenna with 2dBi gain

LEDs

- Security (White)
- Power (Orange)
- LAN (Blue)
- Wireless (Blue)
- Internet (Blue)
- ADSL (Green)

Environmental

- Dimensions: 145(W) x 120(D) x 34(H) mm
- Product weight:
- Operating temperature: 0~40°C
- Operating humidity: 0~85% (Non-Condensing)
- Storage temperature: -20~60°C

Power

- External power adapter: 12V DC, 1A

Ordering Information:

- AirLive WN-151ARM** Wireless 11b/g/n 150Mbps ADSL2/2+ Router, ETSI
Wireless 11b/g/n 150Mbps ADSL2/2+ Router, FCC