

# AP60

## Wireless-N PoE Access Point

Ever since AirLive introduced the world's first multi-function AP in 2002, the AirLive access points have been renowned for their reliability, performance, and rich features. The AP60 is the latest entry following this heritage with breakthrough performance, features, and coverage.

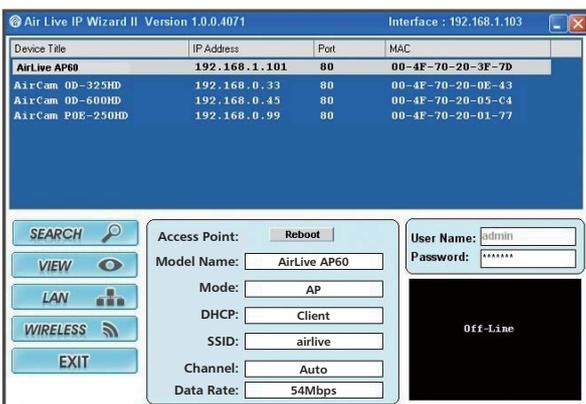
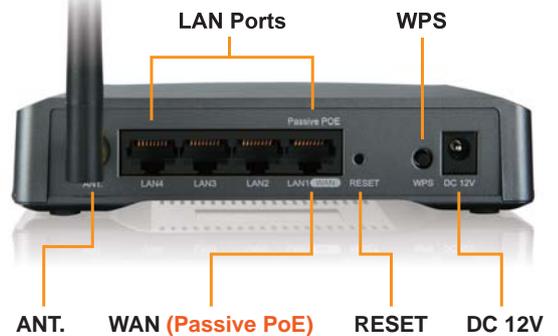


## Wireless-b/g/n Long Range Radio

The AP60 features a long range 11b/g/n radio that can deliver up to 29dBm of output power (limited to 20dBm in EU and 23dBm in the U.S.), which means it can have up to 5 times the coverage comparing to normal wireless AP. In addition, it has maximum throughput of 150Mbps and is completely backward compatible with 11g/b devices.

## Passive PoE and 4-LAN Ports

Despite of its small housing, AirLive managed to put 4-LAN ports into the AP60. One of the ports also function as passive PoE port and WAN port. The passive PoE port can accept passive PoE input from 12 to 24Volts so you can use AirLive's POE-FSH8PW switch or POE-1P passive PoE kits to install the AP60 away from power source



## IP Finder Management

The AirLive AP60 works with AirLive IP Finder Utility. Therefore, you can manage AirLive IP Cameras and AP60 together in the simple to use utility. You can discover the AP and IP Cameras, then change IP, password, SSID, and encryption.

## AirLogic Interface 9 Wireless Modes

The AP60 features the easy to use AirLogic interface that is standard on all AirLive AP, so you can get started easily. In addition, 9 wireless modes are featured so you AP can work in different application environments.

### AP Mode

In this mode, the AP will act as a center hub for the wireless network.

### Client Mode

In this mode, the AP60 will act like a wireless card to connect with remote AP or router.

### Bridge Mode

Use this mode to connect your local LAN with remote LANs wirelessly.

### WDS Repeater

Use this mode to extend the wireless coverage of another AP/Router. The remote AP/Router must also have WDS function.

### Universal Repeater

Universal Repeater can extend the signal of any remote AP/Router.

### WISP Router

This mode can share the wireless Internet signal of remote AP Router or WISP network.

### WISP+Repeater



This mode can share remote wireless Internet connection to your PC wirelessly. You can also use this mode to share the Internet signal in the hotel room.

### AP Router



In this mode, the AP behaves like a normal wireless router. You can connect the Internet line from ADSL Modem or Cable Modem to the WAN Port.

### WDS Station



The WDS Station mode is similar to Bridge mode with the exception that the link has added "SSID" as basis for the bridge link.

## Multiple SSID, Wireless Scheduling, and Green AP

The AirLive AP60 features multiple SSID capability so you can create up to total of 5 virtual APs. With the wireless scheduling feature, you can pre-configure the AP-60 before you leave your office or home, so when the time is up, the AP60 will start to execute the routine jobs automatically, it will reduce the power loading and save your bill. The AP60 is also a green AP which only use about half the power consumption comparing to other APs in the same class

### Specifications

#### Feature

- 802.11n Multi-Function Wireless PoE Access Point
- 4 x 10/100Mbps LAN Ports
- Setup Wizard + Multi-Language UI
- Up to 5X More Distance
- 9 Wireless Operation Mode
- Bandwidth Control and Antenna Alignment Signal Survey
- Multiple SSID, Watchdog, and Bandwidth Control
- Support Security 802.1x, WPA, WPA2
- ACK Timeout Adjustment

### Hardware

- 4 x 10/100 Mbps Ethernet Port with Auto MDI/MDI-X Support
- 12V Passive PoE Port (LAN1)
- Reversed SMA Female Antenna Port
- Power, WPS, WLAN, LAN LED Indicators
- 150N 1T1R 11b/g/n Radio
- Up to 29dBm Output Power (20dBm in EU, 23dBm in the U.S.)
- 4MB Flash, 32MB SDRAM
- Wall Mount Screw Holes
- Reset Button
- WPS Push Button

### Antenna

- 2 dBi detachable Dipole Antenna
- Reversed SMA Male Connector

### Frequency Range

- USA (FCC) 11 Channels: 2.412GHz~2.462GHz
- Europe (ETSI) 13 Channels : 2.412GHz~2.472GHz
- South America: 14 Channels : 2.412GHz~2.472GHz

### Receiver Sensitivity

- 802.11b 11Mbps  $\leq$  -88dBm
- 802.11g 54Mbps  $\leq$  -74dBm
- 802.11n HT20 MCS7  $\leq$  -71dBm
- 802.11n HT40 MCS7  $\leq$  -68dBm

### Data Rate

- 802.11n
  - 20 MHz BW(LGI): 65, 58.5, 52, 39, 26, 19.5, 13, 6.5
  - 40 MHz BW(LGI): 135, 121.5, 108, 81, 54, 40.5, 27, 13.5
  - 20 MHz BW(SGI): 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2
  - 40 MHz BW(SGI): 150, 135, 120, 90, 60, 45, 30, 15
- 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps
- 802.11b: 11, 5.5, 2 and 1 Mbps

### Modulation

- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM

### Ordering Information:

**AirLive AP60** Wireless-N PoE Access Point

- 802.11g: OFDM
- 802.11b: CCK,QPSK,BPSK

### Output Power

- ETSI(Europe) - About 20dBm max
- FCC(The United States) - About 23dBm max
- South America - About 29dBm max

### Security

- 64/128-bit WEP
- WPA/WPA2-PSK support
- 802.1x Radius Support
- WPA Enterprise support in AP/WDS mode

### Configuration

- Web Management
- Hide ESSID
- 802.1x
- MAC Access Control
- MAC Access Table
- Wireless Client Isolation, Channel, RTS Threshold, Frag Threshold

### Environmental

- Operating temperature: -5~50 Degree C
- Operating humidity (non-condensing): 10~90%
- Storage temperature: -30~70 Degree C
- Storage humidity: 95% Max

### Power Supply

- Power Adapter Voltage : input 100~240Vac/ 50~60Hz , output 12V/1A
- Advance Passive PoE (Accept up to 24 volts). Passive PoE DC Injector not included

### EMI

- FCC, CE

### Product Weight

- 151 g

### Product Size (L x W x H)

- 137 x 88 x 30 mm