

WL-8000AP

802.11g+ 108Mbps Wireless Access Point

Performance and Compatibility

The AirLive WL-8000AP is a 108Mbps Wireless Access Point with outstanding performance at an very competitive price. Fully compliant with the latest IEEE 802.11g/802.11b standard, the AP establish high speed wireless network at the same frequency spectrum as 802.11b. Furthermore, the AP is compatible with 802.11b+ and 802.11g+ devices for turbo mode performance. The special Interference Avoidance technology ensure the optimal speed when operating in different modes..



802.11G+ Turbo Mode

Although there are other 108Mbps solution in the market, the 802.11G+ Turbo mode allows turbo mode throughput up to 108Mbps using one channel only. This makes it less susceptible to interferences. Together with Air Live's WL-8000PCM or WL-8000PCI 802.11G+ WLAN adapters, it can deliver one of the most stable 108Mbps performance on the market. Best of all, it is also compatible with the legacy 802.11b+ device which runs at 22Mbps speed.

Adjustable Power Output

From a company that has been offering some of the most popular AP on the market, the WL-8000AP incorporate adjustable power output design. This design allows users to downgrade the output power when attaching external booster or high-gain antenna for better performance. The range varies between 6% up to 100%.

Extended Security Features

Air Live has gone the extra mile to ensure wireless security. In addition to the standard WEP encryption, the latest WPA (Wi-Fi Protected Access) is also supported for extra security. Hide SSID prevents outside users from joining the network without knowing the wireless Network's ID. For Wireless ISP and Hotspot providers, the AP even provide the 802.1x Radius support.

Hide ESSID and Access Control further strengthen the safety of the wireless transmission. But Air Livek goes one extra step to incorporate Multiple SSID feature. So you can assign different SSID to different group, then manage the access right by simply turn on or off different SSIDs.

Whether it's for office or home environment, the Air Live 802.11g+ family bring you the maximum performance and security for today's high speed wireless network.

*Note, the product deliver 108Mbps when connecting with other 802.11g+ products only.

Specification

Hardware

- CPU: TI
- 10/100Mbps LAN Port
- Reversed SMA Antenna Port
- Power, LAN, WLAN, ErrorStatus LED indicators

Wireless

- Chipset
 - TI 802.11G+
- Antenna
 - 2 dBi detachable Dipole Antenna
 - Reversed SMA Connector
- Frequency
 - USA (FCC) 11 Channels: 2.412GHz~2.462GHz
 - Europe (ETSI) 13 Channels: 2.412GHz~2.472GHz
 - Japan (TELEC) 14 Channels: 2.412GHz~2.483GHz
- Modulation
 - 11g Orthogonal Frequency Division Multiplexing (64QAM, 16QAM, QPSK, BPSK)
 - 11b Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
 - 11b+ PBCC mode
- Output Power
 - 11g
 - 64QAM: 14
 - 16QAM: 15
 - QPSK: 16
 - BPSK: 17
 - 11b
 - DBPSK, DQPSK, CCK: 17
- Data Rate
 - 11g mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
 - 11b mode: 54, 5.5, 2, 1 Mbps
- WEP: 64/128-bit
- 802.1x and WPA

Configuration

- Web Management
- Hide ESSID
- 802.1x
- WPA
- MAC Access Control, 64 entries
- MAC Access Table, 64 users
- Inference Avoidance
- Video Blast Support
- Variable Output Power(100%, 50%, 25%, 12%, 6%)
- SSID, Channel, RTS Threshold, Frag Threshold

Environmental

- Operating temperature: 0~60°C
- Operating humidity (non-condensing): 20~80%
- Storage temperature: -20~65°C
- Storage humidity: 95% Max

Power Supply

- DC9V, 1A

Dimension and Weight

- 127 x 100 x 24mm
- 150 g

EMI

- FCC, CE

Ordering Information

AirLive WL-8000AP 802.11g+ Wireless Access Point