



APM CO., LTD

ALP-9287

High-Power IEEE 802.11b/g AP Dongle

This device is the perfect solution for your wireless network applications based on the IEEE 802.11b/g standard that offers data rate up to 54Mbps in the wireless LAN environment.

It is a high-speed wireless network device plugs into your system and accesses to the LAN or peer-to-peer networking easily without wires or cables. It allows you to access printers, files, and other network resources no matter where.



Features

- 400mW output power
- Supports USB 2.0
- Works with IEEE 802.11b/g standard (at 2.4GHz) for compatibility & mobility
- Up to 54 Mbps data transfer rate
- Ad-Hoc or Infrastructure mode
- Soft AP (Access Point) feature creates AP function

Specifications

Standard	IEEE 802.11b/g
Antenna Connector	5dBi
Frequency Range	2.400GHz~2.4835GHz
Operating Frequency / Channel	2.412~2.462GHz (Canada, FCC) / 11 Channels 2.412~2.484GHz (Japan, TELEC) / 14 Channels 2.412~2.472GHz (Euro, ETSI) / 13 Channels
Modulation Technique	Orthogonal frequency division multiplexing (OFDM) Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
Security	64/128bit WEP WPA WPA2 802.1x and 802.11i
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK



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Output Power (HIGH-POWER)	11g: 22dBm (Typical) \pm 1 11b: 26dBm (Typical) \pm 1
Data Rate	11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps with auto-rate fall back 11b: 11, 5.5, 2, and 1Mbps with auto-rate fall back
Sensitivity	54Mbps: -68dBm 11Mbps: -80dBm
Working Mode	Ad-Hoc or Infrastructure
Throughput	22Mbps@54Mbps; 5.5Mbps@11Mbps
Host Interface	A-Type USB 2.0 connector
Operating Temperature	0~55 ambient temperature $^{\circ}$ C
Storage Temperature	-20~70 $^{\circ}$ C ambient temperature
Power Consumption	Continuous transmission mode: 290mA at 5VDC (Max.) Continuous reception mode: 240mA at 5VDC (Max.)
Operating & Storage Humidity	90% maximum (non-condensing)
Operating System Support	Windows $^{\circ}$ 98SE/ME/2000/XP/VISTA, Mac $^{\circ}$ 10.4
Approval	FCC Part 15 CE