



WL-U356

802.11g Wireless LAN USB Adapter

Adherent to the IEEE 802.11g standard, the PLANET WL-U356 provides simple, reliable, high-speed wireless connections for both desktop and laptop users. By combining with two, state-of-the-art technologies - USB 2.0 and 802.11g - the gadget delivers data at speed up to 54Mbps, five times the speed of existing 802.11b devices, and spares the efforts of opening up the case of your desktop computer.

WL-U356 contains an internal patch antenna. It takes advantage of the flexibility and convenience of USB connections without sacrificing performance. Support of 64, 128 and 256-bit WEP encryption plus WPA (Wi-Fi Protected Access) high-level encryption keep your wireless communications from unauthorized access and ensure secure data transfer.

WL-U356 supports software AP function, which can turn the USB adapter into a compact Access Point. The USB adapter is also backward compatible with 802.11b products, so both 11b and 11g clients can reside on the same network. Easy installation and hot-plugging offers full mobility and high availability, making the device a perfect choice for users who are getting tired of running cables or in constant need of wireless access.

▶▶ KEY FEATURE

- ☐ 2.4GHz ISM band, unlicensed operation
- ☐ Wireless connection without the hassles and cost of running cables
- ☐ IEEE 802.11b/g standard compliant
- ☐ USB 2.0 A-type standard, compatible with USB 1.1
- ☐ Up to 54Mbps data rate
- ☐ Utilization of Direct Sequence Spread Spectrum (DSSS) Technology plus OFDM modulation to provide a robust, interference-resistant solution in a multi-user environment
- ☐ Support of 64, 128 and 256-bit WEP encryption and WPA (Wi-Fi Protected Access) high-level encryption
- ☐ Support of Ad-Hoc / Infrastructure mode
- ☐ Support of software AP
- ☐ Support of most popular operating systems including Windows 98SE/ME/2000/XP/Server 2003
- ☐ Plug-and-Play installation

Product	802.11g Wireless LAN USB Adapter
Model	WL-U356
Attach Interface	A-type USB2.0 connector
LED Indicator	LNK, ACT
RF Modulation	OFDM (Orthogonal Frequency Division Multiplexing) technology (BPSK, QPSK, 16QAM, 64QAM)
RF Output Power	15dBm (Typical)
Data Rate	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps with auto-rate fall back
Media Access Protocol	CSMA/CA + ACK (Half-Duplex)
Antenna	Internal dipole antenna
Range	Up to 300 feet outdoor and 100 feet indoor
Working Mode	Ad-Hoc, Infrastructure
Dimension (mm)	87(D)*27(W)*9(H) mm
Humidity	0-95%, non-condensing (Operating and storage)
Temperature	0~50℃J (Operating), -20~70℃J (Storage)
Management	Built-in utility or Windows XP Zero Configuration utility
STANDARDS COMPLIANCE	
Electromagnetic Compatibility	FCC, CE

» APPLICATION

□ **Infrastructure**

For some environments with limitations on running Ethernet cables around, simply install the WL-U356 on your desktop or laptop, and users thus can get connected to the wired Ethernet through a wireless access point to access the network resources within the coverage of wireless signals. The installation of multiple access points to enlarge the coverage of wireless signals and can ensure seamless network access for mobile users.



□ **Ad-Hoc**

Need just connecting several desktop PC or notebooks wirelessly? Configuring all the wireless adapters to Ad-Hoc mode without wireless access point is the easiest and costly way to meet this application.



□ **Software AP**

This feature converts the WL-U356 into a compact wireless access point immediately, and this can create an instant wireless network, which spares the additional costs of purchasing a wireless access point.



» ORDERING INFORMATION

- ▶ **WL-U356** 802.11g Wireless LAN USB Adapter



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