



WL-U356A

802.11g Wireless LAN USB Adapter w/SMA Connector

Adherent to the IEEE 802.11g standard, the PLANET WL-U356A provides simple, reliable, high-speed wireless connections for both desktop and laptop users. By combining 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.

The WL-U356A provides an external antenna connector. 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.

The WL-U356A 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

- Compliant with the IEEE 802.11g 2.4GHz (OFDM) standard
- High data transfer rate - up to 54Mbps
- Supports WEP 64/128/256 bits, WPA protection
- Supports Infrastructure and Ad-Hoc mode
- Software AP function support
- Data rate automatic fallback increases reliability
- Supports the most popular operating systems: Windows 98SE/Me/2000/XP
- Detachable antenna design
- USB 2.0 interface

▶▶ SPECIFICATION

Product	802.11g Wireless LAN USB Adapter w/SMA Connector
Models	WL-U356A
Interface	Compliant with USB 2.0 / 1.1 standard
Standards Conformance	Compliant with 802.11b / 802.11g
Data Transfer Rate	IEEE802.11b : 1 / 2 / 5.5 / 11Mbps (auto sensing) IEEE802.11g : 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54Mbps (auto sensing)
Operating Mode	Infrastructure Mode, Ad-Hoc Mode and Access Point Mode.
Security	WEP 64/128/256bit, WPA, WPA-PSK
Emission Type	Direct Sequence Spread Spectrum (DSSS) Technology
RF Modulation	OFDM with BPSK, QPSK, 16-QAM, 64QAM
Media Access Protocol	CSMA / CA
Operating Frequency / Channel	2.412~2.462GHz (FCC, Canada) / 11 Channels 2.412~2.472GHz (Euro ETSI) / 13 Channels 2.412~2.4835GHz (Japan, TELECOM) / 14 Channels
Output Power	15dBm (Typical)
Operating Range	Up to 100 meters (328 feet) transmit and receive
LED Indicators	ACT
Antenna Connector	Reverse-SMA
Temperature	Operating: 32 °F ~ 131 °F (0 °C ~ 55 °C) Storage: -13 °F ~ 158 °F (-20 °C ~ 70 °C)
Operating Humidity	Operating: 10% to 80% Non-Condensing Storage: 5% to 90% Non-Condensing
Dimensions	109mm X 74mm X 40mm (L x W x H)
Weight	195g
Certifications	FCC, CE

▶▶ APPLICATION

- Infrastructure
 For some environments with limitations on running Ethernet cables around, simply install the WL-U356A 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 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 demand.
- Software AP
 This feature converts the WL-U356A 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-U356A 802.11g Wireless LAN USB Adapter w/SMA Connector



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