



WL-U352

11Mbps Wireless USB Adapter

With IEEE 802.11b standard-based, WL-U352 provides 11Mbps wireless networking for USB-enabled desktops or notebooks. It can operate in either Ad-Hoc mode (Point to Point/Point to Multipoint without Access Point) or Infrastructure mode (Point to Point/Point to Multipoint with Access Point).

WL-U352 provides with an internal patch antenna, and thus making its size more compact. Regarding the platform compatibility, WL-U352 supports most popular operating systems including Windows 98SE, Me, 2000, XP and Server 2003. Plus 64-bit and 128-bit WEP (Wired Equivalent Privacy) Encryption feature, WL-U352 offers a reliable and private wireless network connection. Its data rate support 11, 5.5, 2 and 1Mbps. With its auto-fallback function, the data rate can be move to lower speed if signal quality is not good enough.

The WL-U352 provides full mobility and seamless roaming feature for mobile users to keep network connection across access points. Its range of coverage is up to 300 feet indoor and 800 feet outdoor.

▶▶ KEY FEATURE

- ☐ 2.4GHz ISM band, unlicensed operation
- ☐ Wireless connection without the hassles and costs of cabling
- ☐ Wireless LAN IEEE 802.11b compliant
- ☐ Up to 11Mbps data rate with CSMA/CA
- ☐ Utilizes Direct Sequence Spread Spectrum (DSSS) Technology to provide robust, interference-resistant solution in a multi-user environment
- ☐ Supports 64/128-bit WEP
- ☐ Working range up to 300 feet indoor and 800 feet outdoor
- ☐ Supports Ad-Hoc / Infrastructure
- ☐ Roaming capability to provide mobile computing for mobile workers to access network resources anywhere in the field
- ☐ Seamless integration with IEEE 802.3 LAN through IEEE 802.11b compliant Access Point
- ☐ Supports most popular operating systems including Windows 98SE/Me/2000/XP/Server 2003

Product	11Mbps Wireless USB Adapter
Model	WL-U352
Attach Interface	USB 2.0, Type A
LED Indicator	1; Link
Operating Frequency / Channel	2.412~2.462GHz (FCC, Canada) / 11 Channels 2.412~2.4835GHz (Japan, TELEC) / 14 Channels 2.412~2.472GHz (Euro ETSI) / 13 Channels
RF Modulation	Direct Sequence Spread Spectrum (DSSS) Technology (CCK, DQPSK, DBPSK)
RF Output Power	15dBm
Data Rate	11, 5.5, 2, 1 Mbps with auto-rate fall back
Media Access Protocol	CSMA/CA + ACK, IEEE802.11b Compliant
Antenna	Internal patch antenna
Range	Up to 800 feet outdoor and 300 feet indoor
Working Mode	Ad-Hoc, Infrastructure
Dimension (mm)	76.5mm X 26mm X 11mm (W x D x H)
Weight	13g
Humidity	10~95%, non-condensing (Operating and storage)
Temperature	0~55 degree C (Operating), -20~70 degree C (Storage)
Management	Utility or Windows XP / Server 2003 built-in management interface

►► APPLICATION

□ **Infrastructure**

WL-U352 provides access to a wired LAN for wireless workstations. An integrated wireless and wired LAN is called an Infrastructure configuration. An Infrastructure configuration extends the accessibility of a WL-U352 equipped PC to a wired LAN, and doubles the effective wireless transmission range for 2 WL-U352 PCs. Since the Access Point is able to forward data within its Basic Service Set, the effective transmission range in an infrastructure LAN is doubled.



□ **Ad-Hoc**

An Ad-Hoc wireless LAN is a group of computers, and each is equipped with one WL-U352 adapter or other wireless adapters, connected as an independent wireless LAN. Computers in a specific Ad-Hoc wireless LAN must be configured to share the same radio channel. Ad-Hoc wireless LAN configurations are appropriate for branch level departments as well as SOHO operations.



►► ORDERING INFORMATION

► **WL-U352** 11Mbps Wireless USB Adapter