WL-3560

54/108Mbps Standard 11g PCMCIA Wireless LAN Adapter

The WL-3560 is an IEEE 802.11g Wireless PCMCIA card that can operate in either Ad-Hoc mode (Point to Point/Point to Multipoint without an Access Point) or Infrastructure mode (Point to Point/Point to Multipoint with an Access Point). IEEE 802.11g uses 2.4GHz frequency band, the same as IEEE 802.11b; but it provides almost 5 times throughput rate than 802.11b. With the latest innovative Super G technology integrated, the maximum data rate of WL-3560 is 108Mbps, which doubles the speed of standard 802.11g. WL-3560 is also backward compatible and interoperable with IEEE 802.11b compliant wireless devices. This dual-standard support allows for greater flexibility of deployment and use.

The WL-3560 supports both 64/128-bit WEP (Wired Equivalent Privacy) and Wi-Fi Protected Access (WPA) for securing wireless network connections. The driver and utility supports most popular operating systems: Windows 98SE/ME/2000/XP/Server 2003. With advanced features and high performance capability, the WL-3560 is an excellent choice for constructing a wide range of wireless solutions.

>> KEY FEATURE

- ❏ Fully compliant with wireless LAN IEEE 802.11g and 802.11b standards
- ❏ Wireless connection without the difficulty and cost of cabling
- ❏ Dual-standard capability: 802.11g and 802.11b compliant
- ❏ Super G mode provides up to 108Mbps data rate
- ❏ Based on 2.4GHz Direct Sequence Spread Spectrum (DSSS) Technology
- ❏ Support 64/128-bit WEP (Wired Equivalent Privacy) and Wi-Fi Protected Access (WPA)
- ❏ Support Ad-Hoc (Peer to Peer) communication and Infrastructure mode with an Access Point
- ❏ Seamless integration with IEEE 802.3 LAN through any IEEE 802.11b or 802.11g compliant Access Point
- ❏ Support most popular operating systems including Windows 98/Me/2000/XP/Server 2003
- ❏ Low Interference and High Susceptibility Guarantee Reliable Performance
- ❏ Support Power Save mode
- ❏ Plug-and-Play installation
- ❏ Support eXtended Range mode

Product	54/108Mbps standard 11g PCMCIA Wireless LAN Adapter
Model	WL-3560
Attachment Interface	PC CardBus 32-bit compliant
LED Indicators	Two Link/Act
Operating Frequency / Channel	2.412~2.462GHz (FCC, Canada) / 11 Channels
	2.412~2.4835GHz (TELEC, Japan) / 14 Channels
	2.412~2.472GHz (ETSI, Europe) / 13 Channels
RF Modulation	Direct Sequence Spread Spectrum (DSSS) Technology (OFDM, CCK, QPSK, BPSK)
RF Output Power	16-18dBm (typical)
Sensitivity	802.11g: -72dBm @ PER<8%, 54 Mbps
	802.11b: -82dBm @ PER<8%, 11 Mbps
Data Rate	Super G: Up to 108Mbps
	802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps with auto-rate fall back
	802.11b: 11, 5.5, 2, 1 Mbps with auto-rate fall back
Media Access Protocol	CSMA/CA + ACK
Antenna	Built-in patch antenna
Working Mode	Ad-Hoc, Infrastructure
Dimension (mm)	119 x 54 x 12 mm
Humidity	0-95%, non-condensing (Operating and storage)
Temperature	0 - 55 degree C (Operating), -10~70 degree C (Storage)
Compatibility	Windows 98SE/ME/2000/XP/Server 2003
Management	Utility or Windows XP built-in management interface
Electromagnetic Compatibility	FCC Part 15 class B, CE Mark, ETS 300 328

▶▶ APPLICATIONS

WL-3560 offers a fast, reliable, cost-effective solution for wireless client access to the network in applications like these :

- **Remote access to corporate network information**
  E-mail, file transfer and terminal emulation.
- **Difficult-to-wire environments**
  Historical or old buildings, asbestos installations, and open areas where wiring is difficult to employ.
- **Frequently changing environments**
  Retailers, manufacturers and banks who frequently rearrange the workplace and change locations.
- **Temporary LANs for special projects or peak time**
  Trade shows, Sports events, exhibitions and construction sites need temporary setup for a short time period. Retailers, airline and shipping companies need additional workstations for a peak period. Auditors requiring workgroups at customer sites.
- **SOHO (Small Office and Home Office) users**
  SOHO users requiring quick and easy installation of a small computer network.
- **High security connection**
  Wireless network security installs quickly and provides the flexibility to reconfigure easily.

▶▶ ORDERING INFORMATION

▶ **WL-3560**   54/108Mbps standard 11g PCMCIA Wireless LAN Adapter

PLANET Technology Corp.