

## HCL WLAN 802.11b/g USB Adapter

*HCL Wireless LAN 802.11b/g USB Adapter, HCL-11b/g-USB, is an ideal solution for mobile wireless users as it is small in size, light in weight and low in power consumption. HCL-11b/g-USB is able to enhance its data transfer in pure G network and also interoperable with other legacy access points that are compliant with IEEE802.11b standards. In addition, the dynamic rate shifting capability allows automatic selection of optimum connection speed to any wireless LAN devices or access points.*



*HCL Wireless LAN 802.11b/g USB Adapter provides connectivity between mobile stations in a Wireless Local Area Network (WLAN). It provides a cost-effective solution for mobile and flexible networking without any cabling. Its Plug-N-Play feature offers users an easy installation experience. It is equipped with a Wireless LAN Monitoring Utility that enables user to configure as well as monitor the wireless network performance of the HCL-11b/g-USB. For full desktop or notebook PC flexibility and wireless convenience, the HCL-11b/g-USB offers an all-in-one solution for your wireless network installation.*

*HCL-11b/g-USB adapter is the perfect solution for wireless network applications based on the IEEE 802.11g standard that offers a data rate up to 54Mbps in a wireless LAN environment. It is a high-speed wireless network card that plugs into your notebook or desktop PCs and accesses to the LAN or peer-to-peer networking easily without wires or cables. It gives you the ability to connect to a wireless network at home, at the office or at any wireless hotspot. Now, you can stay connected wherever you are and wherever you go.*

### Key Features

- **Reliability** – IEEE 802.11g compliant ensures reliable in long range and noisy environment and also inter-operable with other wireless devices that are designed based on IEEE 802.11b standard.
- **Security** – Besides 64-bit or 128-bit WEP (Wire Equivalent Privacy) encryption, the HCL-11b/g-USB adapter supports the latest wireless security standard Wi-Fi Protected Access, thus ensuring that data remains secured in the wireless network. Only wireless clients that are configured with the correct key are able to retrieve the encrypted data.
- **Easier to configure and install** – HCL-11b/g-USB adapter is easily deployed on the desktop or notebook PC which utilizes the USB port. Just plug it into any USB port and it is ready to share the network resources in the wireless environment.
- **Simple Management Tool** - The Wireless LAN Monitoring Utility gives user ease of configuration and monitoring of the wireless USB LAN adapter.
- **Flexibility** – It is easily deployed on the desktop or notebook which utilizes the USB port. Just plug it into any USB port & it is ready to share the network resources in the wireless environment.

## HCL WLAN 802.11b/g USB Adapter

- Works five times better in pure-G environment and three times faster in mixed (802.11b and 802.11g) environment.
- Excellent receiver sensitivity and delay spread robustness.

### Specifications

Standards	<ul style="list-style-type: none"> <li>• Complies with IEEE 802.11g and IEEE 802.11b</li> </ul>
Frequency Band	<ul style="list-style-type: none"> <li>• 2.4 GHz ~ 2.4835 GHz</li> </ul>
Performance	<ul style="list-style-type: none"> <li>• IEEE 802.11g compliant - Network speeds dynamically shift between 6, 9, 12, 24, 36, 48, 54 Mbps</li> <li>• IEEE 802.11b compliant - Network speeds dynamically shift between 1, 2, 5.5, 11 Mbps</li> </ul>
Wireless Security	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Access (WPA) and 64-bit / 128-bit WEP</li> </ul>
Output Power	<ul style="list-style-type: none"> <li>• IEEE 802.11b: 17dBm</li> <li>• IEEE 802.11g: 13dBm</li> </ul>
Power requirements	<ul style="list-style-type: none"> <li>• Input Voltage Options: 5VDC</li> <li>• Current Ratings: 380mA (Tx), 260mA (Rx), 50mA at powersaving mode</li> </ul>
Electromagnetic Emissions	<ul style="list-style-type: none"> <li>• FCC Part 15 subpart B &amp; C Class B</li> </ul>
Electromagnetic Immunity	<ul style="list-style-type: none"> <li>• EN 301489-1, EN 301489-17, EN 610004-2, EN 61000-4-3, EN 300328-2</li> </ul>
Driver	<ul style="list-style-type: none"> <li>• Windows XP, 2000, ME, 98 SE</li> </ul>
Environment	<ul style="list-style-type: none"> <li>• Operating temperature: 0°C to 40°C</li> <li>• Storage Temperature: -20°C to 70°C</li> <li>• Operating Humidity: 10%to 70% relative humidity, non-condensing</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• Height: 14mm (0.55 inches)</li> <li>• Width: 65mm (2.56 inches)</li> <li>• Depth: 101mm (3.98 inches)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• 130g</li> </ul>

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### Benefits

- *Works with virtually any Desktop or notebook equipped with USB Port*
- *Roaming through campuses or departments were made possible by HCL-11b/g-USB and it allows users to share their network resources regardless of their location.*
- *Lets you stay online anywhere in your range – “Stay Connected - Wherever you are - Wherever you go”.*
- *Provides excellent speed and range for worry-free connection*
- *Sets up easily with included Installation software*
- *Adds your notebook to your home or office network--without cables*
- *Client Security: Provides WPA and 64/128-bit WEP Encryption*

### Application

*Whether you're at your desk or in the boardroom, it allows you to share printers, files, and other network resources. The easiest way to get your Desktop, Notebook or Laptop wireless network-ready is through your USB interface. With instant and the simple setup with our included software, you can share your network's data, printers, or your single, high-speed Internet account.*

### Ordering Information

<i>SAP Code</i>	<i>Part Number</i>	<i>Description</i>
CHCWL004	HCL-11b/g-USB	HCL Wireless LAN 802.11b/g USB Adapter

### Contact Information

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**\*\* Information subject to change at HCL's discretion**