

## DWL-120 USB Wireless Adapter

Create a Network and Share Internet Access without Wires

The DWL-120 is a high-performance Wireless USB Network Adapter. It Delivers 11Mbps (Megabits per second), making the DWL-120 the fastest Wireless Network Adapter on the market today. The USB interface makes the DWL-120 easy to install and use. The DWL-120 wireless adapter allows you to share hard disk drives, DVD/CD-ROM drives, Zip drives, printers and provides shared access to an analog, Cable, or DSL modem for Internet access.

Based on the IEEE 802.11b standards insures interoperability in multi-vendor environments. Designed for desktop PCs and Laptops with USB support. Connects to other computers up to 100 meters away indoors and 300 meters away outdoors!

The network adapter is fully mobile and seamlessly roams from access point to access point. The D-Link DWL-120 will connect point to point (Ad Hoc) or it can use an access point (Infrastructure Mode) to extend the reach of its communications capability.

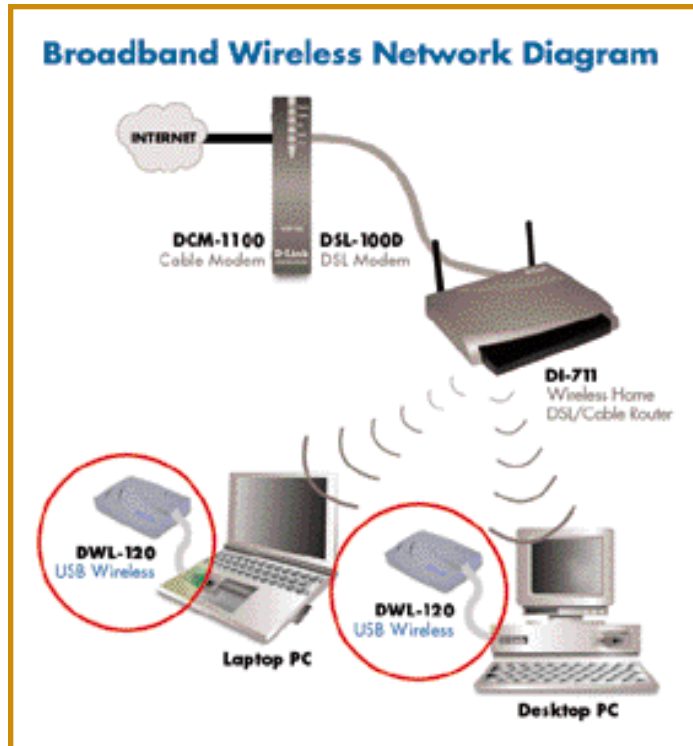
In addition the DWL-120 uses a 40-bit WEP (Wired Equivalent Privacy) Encryption for a secure network connection.

The DWL-120 includes an internal non-detachable diversity patch antenna and one built-in green LED indicator for power, network link and activity.

The wireless adapter will operate in 2.4 GHz Direct Sequence Spread Spectrum (DSSS) for wireless networks in the home or office environment. The DWL-120 is compatible with Windows 98, ME, 2000 and other popular operating systems.



*The D-Link DWL-120 USB Wireless Adapter allows you to create a network and share Internet access without wires*



# DWL-120 USB Wireless Adapter

Technical Specifications	
Standards	IEEE 802.11b
Adapter Type	USB 1.1
Transport Protocols	<ul style="list-style-type: none"> <li>• TCP/IP</li> <li>• IPX/SPX</li> <li>• NetBEUI</li> </ul>
TCP/IP Protocols	<ul style="list-style-type: none"> <li>• BOOTP</li> <li>• SNMP</li> <li>• Telnet</li> <li>• DHCP</li> <li>• FTP</li> </ul>
System Requirements	IBM compatible notebook with a Pentium 100 or faster processor
Supported OS	<ul style="list-style-type: none"> <li>• Windows 98</li> <li>• Windows ME</li> <li>• Windows 2000</li> </ul>
Data Rate: Mbps/channel	<ul style="list-style-type: none"> <li>• 11: CCK</li> <li>• 5.5: CCK</li> <li>• 2: DQPSK</li> <li>• 1: DBSK</li> </ul>
Data Security	40 bit WEP Encryption, 128-bit key length (Optional)
Key Management	Automatic Dynamic Key Allocation (ADKA) through public key
Range	<ul style="list-style-type: none"> <li>• Indoors: per cell approximately 35 to 100 meters</li> <li>• Outdoors: per cell approximately 100 to 300 meters</li> </ul>
Diagnostic LED	<ul style="list-style-type: none"> <li>• Power</li> <li>• Link</li> </ul>
Power Specifications	Operating Voltage: +5V
Transmit Power	<ul style="list-style-type: none"> <li>• Nominal Temp. Range: 17-dBm</li> <li>• Extended Temp. Range: 14-dBm min</li> <li>• Transmit Power, 2.7v to 3v: 14-dBm min</li> </ul>
Network Architecture	<ul style="list-style-type: none"> <li>• Supports Ad-Hoc Mode (Peer-to-Peer without Access Point) or Infrastructure Mode (Communications to wired networks via Access Points with Roaming)</li> <li>• Compliant with IEEE 802.11b Standards</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• Internal patch antenna supporting diversity</li> <li>• Mobility: Seamless roaming across cell boundaries with handover</li> </ul>
Frequency Range	2.4 – 2.4835 GHz, Direct Sequence Spread Spectrum (DSSS)
Operating Channels	<ul style="list-style-type: none"> <li>• 1-11 United States (FCC)</li> <li>• 1-11 Canada (DOC)</li> </ul>
Physical Dimensions	<ul style="list-style-type: none"> <li>• L = 110 mm</li> <li>• W = 54 mm</li> <li>• H = 6 mm</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating Temperature: -10C to 55C</li> <li>• Storage Temperature: -20C to 75C</li> </ul>
Humidity	Maximum up to 95% Non-condensing
Emissions	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> <li>• VCCI</li> <li>• IC</li> </ul>
Safety	UL
1.2 Packing List	<ul style="list-style-type: none"> <li>• One DWL-120 Wireless USB Adapter</li> <li>• USB cable</li> <li>• One CD with HTML Manual and drivers</li> <li>• One printed manual</li> </ul>