

## DWL-650 PCMCIA Wireless

Create a Network and Share Internet Access without Wires

The D-Link DWL-650 is a high-speed 11 Megabits per second (Mbps) Ethernet wireless network adapter that plugs into your Notebook PC's PCMCIA slot. Once connected with other networked PC's, it allows you to share hard disk drives, DVD drives, CD drives, Iomega Zip drives, printers and provides shared access to a modem for Internet access.

It strictly adheres to the most advanced IEEE networking Standard for wireless connections, so the D-Link DWL-650 is very compatible with multi-vendor environments that also meet the standard compliance for IEEE 802.11b. The DWL-650 bandwidth data transmission rate can be set manually at 11Mbps, 5.5Mbps, 2Mbps, 1Mbps or it can be set on dynamic auto-sensing configuration.

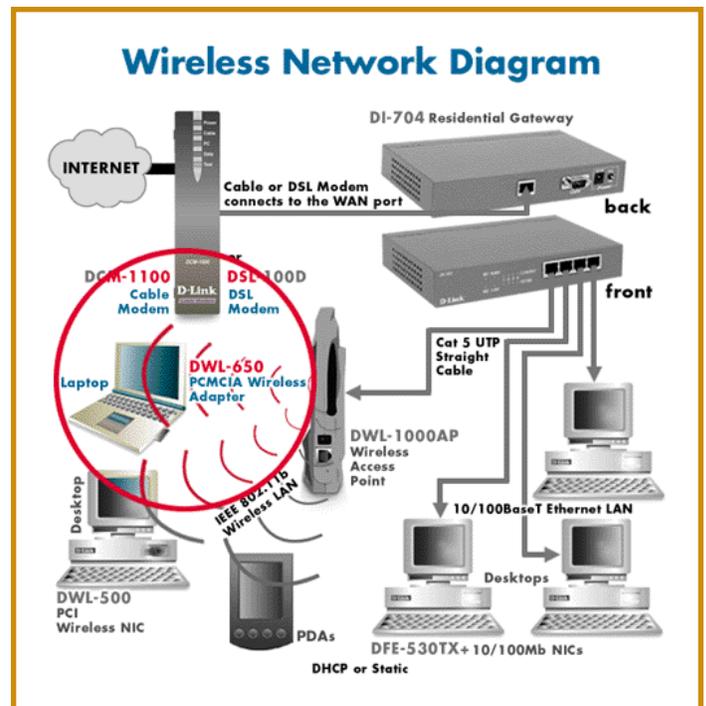
The D-Link DWL-650 will connect point to point (Ad Hoc) or it can use an access point (Infrastructure Mode) to extend the reach of its communications capability. In Infrastructure mode, the DWL-650 can be connected to a broadband residential gateway or a xDSL/Cable modem for high-speed wireless Internet access on the existing network. It has full mobility and seamless roaming from cell to cell as well as across access points. The range of coverage per cell for indoor use is up to 100 meters and up to 300 meter per cell for outdoor use.

The D-Link DWL-650 is an IEEE 802.11b compliant PCMCIA Type-II 11Mbps wireless LAN adapter. The DWL-650 will operate in 2.4 GHz Direct Sequence Spread Spectrum (DSSS) for wireless networks in the home or office environment. It is designed to operate in 3.3V or 5.0V DC slots. In addition, the DWL-650 uses a 40-bit WEP (Wired Equivalent Privacy) Encryption for a secure network connection.

The DWL-650 comes with an internal non-detachable diversity patch antenna and one built-in green LED indicator for power, network link and activity. The DWL-650 is compatible with Windows 98, ME, 2000, NT 4.0 and other popular operating systems.



*The D-Link DWL-650 PCMCIA Wireless Adapter allows you to create or join a network and share Internet access without wires*



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Technical Specifications	
Standards	<ul style="list-style-type: none"> <li>● IEEE 802.11b</li> <li>● All major networking standards (including IP, IPX)</li> </ul>
Adapter Type	PCMCIA Type-II slot
Transport Protocols	<ul style="list-style-type: none"> <li>● TCP/IP</li> <li>● IPX/SPX</li> <li>● NetBEUI</li> <li>● NDIS</li> </ul>
TCP/IP Protocols	<ul style="list-style-type: none"> <li>● BOOTP</li> <li>● Telnet</li> <li>● DHCP</li> <li>● FTP</li> </ul>
System Requirements	<ul style="list-style-type: none"> <li>● IBM compatible notebook with Cardbus Controller</li> <li>● Pentium 100 or faster processor.</li> </ul>
Supported OS	<ul style="list-style-type: none"> <li>● Windows 98</li> <li>● Windows ME</li> <li>● Windows 2000</li> <li>● Windows NT 4 or newer</li> </ul>
Data Security	40 bit WEP (Wired Equivalent Privacy) Encryption
Data Rate	<ul style="list-style-type: none"> <li>● Mbps/channel</li> <li>● 11 : CCK</li> <li>● 5.5 : CCK</li> <li>● 2 : DQPSK</li> <li>● 1 : DBSK</li> </ul>
Utility Software	<ul style="list-style-type: none"> <li>● Link Config   User setup &amp; diagnostics tool</li> </ul>
Key Management	Automatic Dynamic Key Allocation (ADKA) through public key
Range	<ul style="list-style-type: none"> <li>● Indoor – per cell approximately 35 to 100 meters</li> <li>● Outdoor – per cell approximately 100 to 300 meters</li> </ul>
Diagnostic LED	Power, Network Link, Activity
Power Specifications	Operating Voltage: +5V, +3V DC (+/-) 5%
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 within access point range</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: -10Y°C to 55Y°C</li> <li>● Storage Temperature: -20Y°C to 75Y°C</li> </ul>
Humidity	Maximum up to 95% Non-condensing
Emissions	<ul style="list-style-type: none"> <li>● FCC</li> <li>● CE</li> <li>● ETSI 300.328</li> <li>● ARIB-Telec</li> </ul>
Safety	UL
Warranty	Lifetime Warranty and Free Technical Support