

DWL-A520 802.11a

DWL-A520 is a wireless LAN PCI adapter that complied with IEEE 802.11a standard, it can be used to provide up to 54Mbps and 108Mbps high-speed data network to connect your wireless LAN.

With seamless roaming, fully interoperability and advanced security with WEP standard. DWL-A520 offers absolute interoperability with any 802.11a Access Points through the wireless LAN.

DWL-A520 comes with user friendly installation and operating software therefore users won't waste time configuring the software manually.



DWL-A520

Features

- Compatible with IEEE 802.11a high rate standard to provide wireless 54Mbps data rate, and speeds up to the turbo mode of 108Mbps
- Operation at 5.2GHz Unlicensed National Information Infrastructure (U-NII) frequency band
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports infrastructure networks via Access Point and ad-hoc network via peer-to-peer communication
- Dynamic data rate scaling at 6, 9, 12, 18, 24, 36, 48, 54 and 108Mbps
- Supports wireless data encryption with 64/128/152-bit WEP for security
- Single 3dBi high-gain dipole antenna)
- Drivers support Windows 98SE, ME, 2000, and XP
- Support PCI Local Bus 2.2 standard
- Friendly user configuration and diagnostic utilities

Specifications

■ Radio Technology	IEEE 802.11a Orthogonal Frequency Division Multiplexing (OFDM)
■ Operating Frequency	5170-5320MHz
■ Modulation Schemes	BPSK, QPSK, 16QAM, 64QAM
■ Channel Available	8 Non-overlapping channels for US and Canada 4 Non-overlapping channels for Japan
■ Data Rate	108Mbps with fall back Rates of 54, 48, 36, 24, 18, 12, 9 and 6 Mbps
■ Media Access Protocol	CSMA/CA with ACK
■ Transmitter Output Power	12dBm at 48Mbps/ 14dBm at 24, 18, 12, 9 and 6Mbps
■ Receiver Sensitivity	Typical -71dBm For 108Mbps @ 10% PER (Packet Error Rate) Typical -85dBm for 6 Mbps @ 10% PER (Packet Error Rate)
■ Distance	Office 35 M, Open Environment 120 M
■ Data Security	64-bit, 128-bit and 152-bit WEP
■ LED Indicator	Power And Network status
■ Antenna Type	Single 3dBi high-gain dipole antenna
■ Operating Voltage	3.3 VDC +/- 10%
■ Current Consumption	1650mW at continuous transmit mode 1250mW at continuous receive mode 40mW at sleep mode
■ Interface	PCI 32-bit Interface
■ Temperature	0 - 55 °C in Operating -20-65 °C in Storage
■ Humidity	10% - 90% Non-condensing
■ Dimensions	133 mm x 121 mm x 18 mm

Wireless PCI Adapter

