D-Link®

DW-690 802.11a CardBus

DW-690 is a Wireless LAN CardBus PC Card that complied with IEEE 802.11a 5.2GHz WLAN standard, and it can be used to provide up to 54Mbps and 72Mbps high-speed date network to connect your Wireless LAN.

With seamless roaming, fully interoperability and advanced security with WEP standard, **DW-690** offers absolute interoperability with different vendors' 802.11a Access Points through the Wireless LAN.

DW-690 comes with user friendly installation and operating software therefore users won't waste time configuring software manually.

— DW-690

Features

- Compatible with IEEE 802.11a high rate standard to provide wireless 54Mbps data rate, and speeds up to the turbo mode of 72Mbps.
- Operation at 5.2GHz Unlicensed National Information Infrastructure (U-NII) frequency band.
- Dynamic date rate scaling at 6, 9, 12, 18, 24, 36, 48, 54 and 72Mbps.
- Maximum reliability, throughput and connectivity with automatic data rate switching.
- Supports wireless data encryption with 64/128/152-bit WEP for security.
- Supports infrastructure networks via Access Point and ad-hoc network via peer-to-peer communication.
- Built-in dual diversity antenna for the multi-path environment.
- Support CardBus (32-bit) Type II PC Card.
- Drivers support Windows 98SE, ME, 2000, and XP.
- Friendly user configuration and diagnostic utilities.

Specifications

- Radio Technology   IEEE 802.11a Orthogonal Frequency Division Multiplex
- Operating Frequency   5170~5320MHz
- Modulation Schemes   BPSK, QPSK, 16QAM, 64QAM
- Channel Available   8 Non-overlappong channels for US and Canada
                             4 Non-overlapping channels for Japan

- Data Rate   72Mbps with fall backof 54, 48, 36, 24, 18, 12, 9 and 6 Mbps
- Media Access Protocol   CSMA/CA with ACK
- Transmitter Output Power   12dBm at 72Mbps/ 14dBm at 24, 18, 12, 9 and 6Mbps
- Receiver Sensitivity   Tipical -71dBm for 72Mbps @ 10% PER (Packet Error Rate)
                             Tipical -85dBm for 6Mbps @ 10% PER (Packet Error Rate)
- Distance   Office 35M, Open Environment 120M
- Data Security   64-bit, 128-bit and 152-bit WEP
- LED Indicator   Power & Network status
- Antenna Type   Integrated dual diversity antennas with 4dBi gain
- Operating Voltage   3.3 VDC +/- 10%
- Current Consumption   1650mW at continuous transmit mode
                             1250mW at continuous receive mode
                             40mW at sleep mode
- InterfacePCMCIA   CardBus PC card Type II
- Temperature   0℃ ~ 60℃ in Operating
                             -20℃~85℃ in Storage
- Humidity   10% ~ 95% Non-condensing
- Dimensions   117.86mm × 54mm × 5mm

Wireless PC Card

Wireless