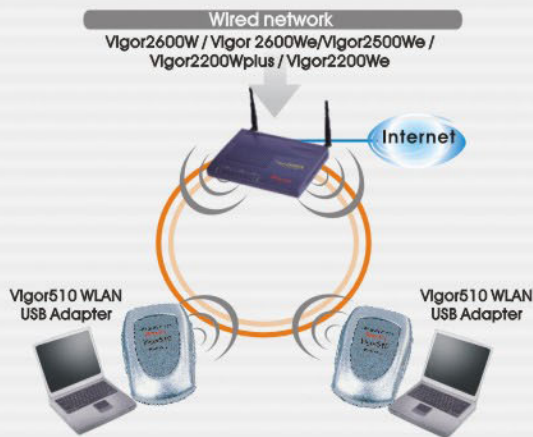


Vigor510 WLAN USB Adapter

Vigor



Vigor510 WLAN USB Adapter

Standards Compliance	IEEE 802.11b, USB 1.1 compliant
Radio Frequency Type	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Transmission Rate	11Mbps (Max.); 11/5.5/2/1Mbps, auto fallback
Note:	The actual range and effective rates depended on the special circumstances and any potential sources of interface.
Channels Support (RF Frequency Range)	US/Canada: 11 Channels (1 ~ 11) Major European country: 13 Channels (1 ~ 13) France: 4 Channels (10 ~ 13) Japan: 13 Channels (1 ~ 13) or 1 (14th)
Transmitter	RF Output Power: 15 dBm (typical)
Receiver	Sensitivity: -84 dBm for 11Mbps @ BER10-5; -94 dBm for 1Mbps @ BER10-5
Antenna Type	Embedded antenna with diversity
Interface Type	USB 1.1
Security	64-bit/128-bit WEP encryption
Software Support	64-bit/128-bit WEP encryption; Dynamic rate shifting: 11/5.5/2/1Mbps; Site Survey; Roaming; Diagnostic Tool
Operating Environment	Operating Temperature: 0 ~ 50 °C (32 ~ 122 °F) Storage Temperature: -20 ~ 65 °C (-4 ~ 149 °F)
Dimension	48 x 71 x 15 mm (1.89 x 2.80 x 0.59 in)
Power	Voltage: 5.0 Volts ± 10%
Power Consumption	Continuous transmission mode: 350 mA (Max.); Continuous Reception mode: 300mA (Max.)
Regulatory Approval	US: FCC Part 15 B and 15C Europe: CE: ETS 300 328, ETS 301 489 -17 and EN60950
OS Support	Windows 98SE/Me/2000/XP
User friendly	1.2 meters USB cable to extend connection
Warranty	One year limited

Vigorous Broadband Access
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CE FC

Vigor520 WLAN PCMCIA Adapter

Vigor



Vigor520 WLAN PCMCIA Adapter

Standards Compliance	IEEE 802.11b (22Mbps)
RF Spread Scheme	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Transmission Rate	22Mbps with auto fallback to 11, 5.5, 2, and 1 Mbps
Modulation Type	22Mbps PBCC, CCK, BPSK, QFSK
Channels Support (RF Frequency Range)	US/Canada: 11 Channels (1~11) Europe: 13 Channels (1~13) France: 4 Channels (10~13) Japan: 14 Channels (1~14)
Transmitter	RF Output Power: 15 dBm (typical) Frequency stability: Within ± 25 ppm
Receiver	Sensitivity: -82 dBm (Typical) 11Mbps @ 25°C ± 5 °C
Antenna Type	Diversity patch antenna
Interface Type	Cardbus AdapterBus Type II
Security	64 / 128 / 256-bit WEP encryption 64/128/256-bit WEP encryption;
Software Support	Dynamic rate shifting: 22/11/5.5/2/1Mbps; Channel Setting; Roaming;
Range	RF Signal Quality Monitor; Site Survey Open space: 200 ~ 500m; Indoor 30-100m
Environment	Operating Temperature: 0 ~ 50°C (32 ~ 122°F) Storage Temperature: -30 ~ 70°C (-22 ~ 158°F)
Dimensions	118 x 54 x 5 mm (4.65 x 2.13 x 0.2 in.)
Power	Voltage: Autosensing 3.3 Volts $\pm 5\%$
Power Consumption	550 mA (Transmission); 350mA (Reception)
Regulatory	US: FCC Part 15B and 15C Europe: CE: ETS 300 328, ETS 301 489 -17 and EN60950
OS Support	Windows 98/98SE/Me/2000/XP
Warranty	One year limited

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