

BW100
802.11 b,g USB Adapter

- **2.412GHz ~ 2.484GHz unlicensed ISM frequency band.**
- **Operating distance of up to 300 meters in free space.**
- **Support WMMTM (Wi-Fi Multimedia) function.**
- **Support USB 2.0 interface.**
- **64-bit or 128-bit WEP (Wired Equivalent Privacy).**
- **Support for Microsoft Windows 98SE, Me, 2000, XP.**
- **Easy operation and setting up.**

Standard

IEEE 802.11b, IEEE 802.11g

Frequency Band

2.4GHz ~ 2.484GHz unlicensed ISM band
IEEE 802.11b : DSSS (Direct Sequence Spread Spectrum)

Spread Spectrum

802.11g : OFDM
802.11b : DBPSK / DQPSK / CCK

Modulation Method

802.11g : BPSK, QPSK, 16QAM, 64QAM
802.11b : 1, 2, 5.5, 11Mbps

Data Rate

802.11g : 6, 9, 12, 18, 24, 36, 48, 54Mbps

Operation Mode

Ad hoc, Infrastructure

Transmitter Power

17 dBm @11b, 14 dbm @11g
Operating at 11 Mbps: > -85 dBm @8% FER,

Receive Sensitivity

54 Mbps: > -68 dBm @8% FER

Operating Range

100m, depending on surrounding environment

Antenna chip antenna**Power Consumption**

Receive : around 210 mA.
64-bit or 128-bit WEP (Wired Equivalent Privacy) /
WPA

Security

TKIP (Temporal Key Integrity Protocol)

I/O Interface USB 2.0

LED

Green LED indicator

Operating System Windows

98SE, Me, 2000, XP

Operating Temperature

0 ~ 55 degree C

Storage Temperature

-20 ~ 70 degree C

Dimension

76.5 (L) x 27 (W) x 10 (H) mm