

JW54U



Wireless USB 11g Adapter

The JW54U is an IEEE802.11b/g compliant wireless USB Card. It provides superior performance and interoperability within a mixed mode network (802.11b and 802.11g). The JW54U is backwards compliant with all 802.11b/g wireless equipment.

Key Features

- Complies with IEEE 802.11b and 802.11g standard for 2.4GHz Wireless LAN
- Compliant with USB 2.0 Standard.
- Capable of up to 128-Bit WEP, TKIP and AES, WPA, WPA2.
- Supports Windows98/ME/2000/XP/Vista.
- Support WMM function
- Lower power consumption.
- Easy to install and configure.

Specification:

Chip : RTL8187B+RTL8225VF

Host Interface:USB2.0

Standards: IEEE 802.11b IEEE 802.11g

Antenna Type: Microstrip Antenna(0dBi)

Wireless Frequency Range: 2.412GHz-2.4835GHz

Wireless Signal Rates (With automatic fallback)

802.11b(11Mbps,9Mbps, 6Mbps, 5, 5Mbps, 2Mbps, 1Mbps)

801.11g(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)

Wireless Transmit Output Power: 54Mbps OFDM:15dBm +/- 2dBm; **11Mbps CCK:** 16dBm-18dBm

Modulation:

11g: Orthogonal Frequency Division Multiplexing (OFDM)

54Mbps/48Mbps:QAM-64

36Mbps/24Mbps:QAM-16

18Mbps/12Mbps:QPSK

9Mbps/6Mbps:BPSK

11b: Direct Sequence Spread Spectrum(DSSS)

11Mbps/5.5Mbps:CCK

2Mbps:DQPSK

1Mbps:DBPSK

Number of Selectable Channels:

USA,Canada(FCC): 11 channels(2.412GHz-2.462GHz)

Europe(CE): 13 channels (2.412GHz-2.472GHz)

Japan: 14 channels (2.412GHz-2.4835GHz)

Modulation Technique:

802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK)

802.11g: Orthogonal frequency division multiplexing



Security: Hardware-Based Encryption/Decryption Using 64-, 128-bit Wired-Equivalent Privacy (WEP) keys, WPA and WPA2 are also supported.

Range: **indoors:** up to 100meters; **Outdoors:** up to 300meters

LED Indicators: Link/Activity

Power: 5v Bus powered

Dimension: 75.5mm(L) x 23mm(W) x 10mm(H)

Weight: 12g

Temperature: 0° to 50° C (operating), -20° to 70° C (storage)

Humidity: 10% to 85% non-condensing (operating), 5% to 90% non-condensing (storage)

Certifications: FCC Part 15 Class B, CE Mark

Ordering information

MODEL	DESCRIPTION
JW54U	WLAN 11g USB Adapter

