



BiPAC 3013G

54Mbps 802.11g Wireless USB Adapter

Using the BiPAC 3013G Wireless USB Adapter is a simple way to add wireless connectivity to your desktop or notebook computer. Just plug it into your computer's USB port and enjoy wireless network access for true mobility. It is compliant with both the 802.11g and 802.11b standards and enables a data rate of up to 54Mbps.

Once you're connected, you can go online, access your email, share files and other resources on the network. At home, you can surf the Internet and chat with your friends wherever you want. You can also use it for a wireless connection in a number of public hotspots, Internet cafes, airport lounges, and other places with publicly accessible wireless networks.

The BiPAC 3013G features industrial-strength WEP and WPA2 encryption, so your wireless connectivity is protected with strong security. It also supports most Windows and Mac platforms.

Features & Specifications

Standards

- IEEE 802.11g/b

Interface

- USB rev. 2.0 A-Type

Frequency Band

- 2.400GHz ~ 2.4835GH

Modulations

- IEEE 802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
- IEEE 802.11b: DSSS (CCK/DQPSK/DBPSK)

Data Rates

- IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps; Auto-fallback
- IEEE 802.11b: 11, 5.5, 2 and 1 Mbps; Auto-fallback

Security

- 64/128bit WEP, WPA, WPA2, 802.1x and 802.11i

Transmitting Power

- 802.11b: up to 15 ±1 dBm
- 802.11g: up to 14 ±1 dBm

Number of Operational channels

- U.S. 1-11
- Japan 1-13, 14
- Elsewhere Worldwide 1-13

Supported Operating Systems

- Windows 98SE/ME/2000/XP/Vista
- Mac 10.3/10.4

Receiver Sensitivity

- 54Mbps OFDM, 10% PER, -79dBm
- 11Mbps CCK, 8% PER, -90dBm
- 1Mbps BPSK, 8% PER, -95dBm

Antenna

- Integrated diversity antenna

Dimensions

- 88(L) x 27(W) x 11(H) mm

Weight

- 40 g

Temperature Range

- Operation: 0°C ~ 50°C
- Storage: -20°C ~ 60°C

Humidity

- 10% ~ 90% (Non Condensing)

Certifications

- FCC, CE

- Compliant with both 802.11b and 802.11g devices
- High Speed transfer data rate up to 54 Mbps
- Supports WEP, WPA, WPA2, 802.1x and 802.11i for WLAN Security
- Supports turbo mode for 72 Mbps data rate*
- USB 2.0 Interface
- Universal Plug and Play (UPnP)
- Supports driver for Windows 2000, XP 32/64 bit, and Vista 32/64 bit operating systems
- Supports auto-installation and diagnostic utilities.

*Note:

1. All the specifications are subject to change without prior notice.
2. In turbo mode environment, it can surpass the 54Mbps network data rate of 802.11g specification, and reach a higher rate of up to 72Mbps.

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