

Description of Operation

EUT is a Wireless USB Adapter with 11 channels. This device provided 802.11g data rate. 54Mbps is the maximum transmitting speed. The modulation of this device is QPSK, BPSK, CCK and OFDM. The device adapts direct sequence spread spectrum modulation. The antenna is dipole Antenna.

This USB is an IEEE 802.11b/g Wireless LAN adapter. It allows your computer to connect to a wireless network and to share resources, such as files or printers without being bound to the network wires. Operation in 2.4GHz Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplex-ing (OFDM) radio transmission, the USB transfers data at speeds up to 64/128-bit Wired Equivalent Protection (WEP) algorithm and the new industrial-strength WPA (Wi-Fi Protected Access™) security is used. In addition, its standard compliance ensures that it can communicate with any 802.11b/g network. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

802.11bg

Items	Description
Power Type	12VDC from adapter
Modulation	DSSS for IEEE 802.11b ; OFDM for IEEE 802.11g
Data Modulation	DSSS (BPSK / QPSK / CCK) ; OFDM (BPSK / QPSK / 16QAM / 64QAM)
Data Rate (Mbps)	DSSS (1/ 2/ 5.5/11) ; OFDM (6/9/12/18/24/36/48/54)
Frequency Range	2400 ~ 2483.5MHz
Channel Number	11
Channel Band Width (99%)	11b: 15.24 MHz ; 11g: 16.52 MHz
Conducted Output Power	11b: 17+/-1 dBm ; 11g: 15+/-1 dBm