

FCC ID: NDD9562160602

Description of Operation

EUT is a Wireless Router with 11 channels. This device provided 1/2/5.5/11/6/9/12/18/24/36/48/54 Mbps of transmitting speed. The device of RF carrier is DQPSK,DBPSK,CCK and OFDM. The device adapts direct sequence spread spectrum modulation. **The antenna is Dipole Antenna. The EUT has two antennas for signal reception and one antenna for high power signal transmission. The specification of each antenna is the same.**

This router is not an IEEE 802.11b/g MINO Wireless Router. 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 Wireless Router 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.

Items	Description
Product Type	WLAN
Radio Type	Intentional Transceiver
Power Type	Power 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: 14.72 MHz ; 11g: 16.40 MHz
Conducted Output Power	11b: 20.49 dBm ; 11g: 24.73 dBm
Antenna	Dipole Antenna / 2dBi ; 5dBi