



High Power 11 b/g USB Adapter

FD-5005010BGU0A5



Features

- IEEE 802.11g/b standard
 - Up to 54Mbps high data-rate and 800mW high output power
 - USB 2.0 Interface and UPnP
 - Supports 64/128-bit WEP encryption, advanced WPA/WPA2/802.1x for WLAN security
 - Support SoftAP function - allows user to create AP function at your computer
 - Replaceable antenna – user can change to higher-gain antenna
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SPECIFICATIONS

Standard	IEEE 802.11g/b
Interface	USB rev. 2.0 A-Type
Frequency Band	2.400GHz ~ 2.484GHz
Radio type	IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK)
Data Rate	802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back
Access Protocol	CSMA/CA
Number of operation channel	2.412~2.462GHz (Canada, FCC) / 11 Channels 2.412~2.484GHz (Japan, TELEC) / 14 Channels 2.412~2.472GHz (Euro, ETSI) / 13 Channels
Security	64/128bit WEP WPA(TKIP with IEEE 802.1x) WPA2(AES with IEEE 802.1x)
RF Output Power(Typical)	802.11g: up to 24 ± 1 dBm 802.11b: up to 28 ± 1 dBm
Sensitivity	-73dBm @ 802.11g -85dBm @ 802.11b
Power consumption	Transmission/Reception: 290mA/240mA at 5VDC
Antenna	One detachable 5dbi antenna(SMAconnector)
Dimension (mm)	113(L) x 71(W) x 18(H) mm(not including antenna)
Weight	120g
Operation Temperature	0°C ~ 55°C ambient temperature
Storage Temperature	-20% ~ 70% ambient temperature
Humidity	10% ~ 90% (Non-condensing)
Driver support	Windows® 98SE, ME, 2000, XP 32/64, Vista 32/64