



High Power 11 b/g USB Dongle Adapter

FD-2005010BGUDA5

Feature

- High-power solution provides you larger wireless range and enhance mobility of usage
- **IEEE 802.11g/b standard**
- Up to 54Mbps high data-rate and 200mW high output power
- USB 2.0 Interface and UPnP
- Support 64/128-bit WEP encryption and advanced WPA/WPA2 for WLAN security
- Support Soft AP function -allows user to create AP function at your computer

Specification

RF Output Power(Typical)

- 802.11g: up to 20 ± 1 dBm
- 802.11b: up to 23 ± 1 dBm

Sensitivity

- -68dBm @ 802.11g
- -80dBm @ 802.11b

Power consumption

Transmission/Reception: 290mA/240mA at 5VDC

Antenna One detachable 5dbi antenna (SMA connector)

Dimension (mm) 84(L) x 25(W) x 10.5(H)

Weight 45g

Operation Temperature

0°C ~ 55°C ambient temperature

Storage Temperature

-20% ~ 70% ambient temperatures

Humidity 10% ~ 90% (Non-condensing)

Driver support



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)



Also We have as following specification of AP Router

PN	Description	Output	Antenna	Note
FD-1005010BGUDA2	Normal power	b/g 17/14dBm	2dBi	FCC, CE
FD-1005010BGUDA0	Normal power	b/g 17/14dBm	Embedded	FCC, CE
PC-1005010BGUDA2	Normal power	b/g 17/14dBm	Non	PCBA
PC-1005010BGUDA0	Normal power	b/g 17/14dBm	Non	PCBA
PC-2005010BGUDA5	200mW	b/g 20/16dBm	Non	PCBA



FD-1005010BGUDA0



FD-1005010BGUDA2