802.11b/g 200mW High Powered Wireless USB Adapter

For users who require the maximum performance out of their USB adapter, the EUB-362 EXT will fit the bill flawlessly with its 200mW high output power and rich features. Supporting features such as WPA and 802.1x, the EUB-362 will satisfy the needs for all type of users. Experience the best wireless connectivity available with the built-in Dynamic Frequency Selection. Enjoy speeds up to 108Mbps *in SuperG mode* streaming data and video with ease.

Specifications

Features:

- Data Rates up to 108Mbps (in Super G mode) for maximum throughput
- High Output Power up to 200mW (23dBm)
- Standard security built-in with AES, Temporal Key Integrity Protocol (TKIP) and Wired and Equivalent Privacy (WEP) providing a safe environment to work on
- Full IEEE802.1x Client support
- Full support for 802.11e standards
- AdvancedPower management control system on-board for saving power on your mobile device
- **Supports eXtended Range technology**

Physical:

- **Form Factor:** USB 2.0 connector
- **Dimensions:** 75.2(L)mm x 53.9(W)mm x 14(H)mm
- **Weight:** 40g/1.5oz
- Status LEDs: RF link activity
- RF Connector: SMA

Environmental:

- **Temperature Range:**
  Operating: 0°C to 55°C
  Storage: -20°C to 75°C
- **Humidity (non-condensing):**
  5%~95% Typical

Package Contents:

- 1x USB Adapter *EUB-362 EXT
- 1x Quick Start Guide
- 1x CD-ROM with User's Manual
- 1x USB Cable
- 1x Antenna (2dBi)

Technical Specification:

- **Data Rates:**
  802.11g: 6,9,12,18,24,36,48,54,72,96 & 108*Mbps *in Super G
  802.11b: 1,2,5.5, 11Mbps
- **Compliant Standards:**
  IEEE802.11 IEEE802.11g IEEE802.11b
  draft IEEE802.11e & i standards IEEE802.1x
- **Regulation Certificates:**
  FCC Part 15/UL ETSI 300/328/CE
- **Drivers Available:**
  Windows 98SE/ME/2000/XP
- **Available Transmit Power (Typical without antenna):**
  2.412~2.472GHz (IEEE802.11g)
  22 +/- 1dBm @ 6 ~ 24Mbps
  21 +/- 1dBm @ 36Mbps
  20 +/- 1dBm @ 48Mbps
  19 +/- 1dBm @ 54Mbps
  2.412~2.472GHz (IEEE802.11b)
  22 +/- 1dBm @ 1 ~ 11Mbps
- **Receive Sensitivity (Typical):**
  2.412~2.472GHz (IEEE802.11g)
  -92dBm @ 6Mbps
  -76dBm @ 54Mbps
  2.412~2.472GHz (IEEE802.11b)
  -92dBm @ 11Mbps
  -96dBm @ 1Mbps
- **Antenna:** Single Dipole Antenna
- **Networking Topology:** Ad-Hoc, Infrastructure
- **Security:**
  IEEE802.1x support for LEAP/PEAP
  WPA – WiFi Protect Access (AES, 64, 128, 156-bit WEP with shared-key protect access)
- **Frequency Band:** 2.4 ~ 2.484GHz
- **Media Access Protocol:**
  Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)
- **Modulation Technology:**
  802.11g: OFDM (64-QAM, 16-Qam, QPSK, BPSK)
  802.11b: DSSS (DBPSK, DQPSK, CCK)
- **Operating Channels:** 11 North America
- **Operating Voltage:** 5V +/- 0.25V

All specifications are subject to change by EnGenius without prior notice

EnGenius™
1580 Scenic Avenue
Costa Mesa, CA 92626
Toll Free: 888.735.7888
Tel: 714.432.8668
Fax: 714.432.8667
www.engeniustech.com

© 2005, EnGenius Technologies Inc, Proprietary & Confidential