



High Radio Power USB Adaptor AWUHG2402

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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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User's Manual



Features:

- IEEE 802.11b/g Compliant
- USB 1.1/2.0 Interface and USB Bus Power
- 4 dBi high gain Omni-directional antenna
- High Radio Power: 17dBm for 802.11g, 20dBm for 802.11b
- Compatible with Windows 2000/XP
- Plug-and-Play
- Works with all standard internet applications
- Window Mounting/Desktop Mounting

Benefits:

- Long-range through higher gain antenna and higher RF power, typical twice distance compared with traditional client devices
- Easy wireless connection through USB Port
- High-Speed Data Rate of Up to 54Mbps
- Reduces networking costs
- Automatic Fall-Back

Specification:

Model No	AWUHG2402
Standard	IEEE 802.11b / IEEE 802.11g
Signal Type	DSSS (Direct Sequence Spread Spectrum) / OFDM
Modulation	BPSK / QPSK / CCK / QAM
Host Interface	MINI USB 1.1/2.0
Antenna	4 dBi Omin-directional antenna
Data Encryption	64 / 128 bit WEP/ WPA
Frequency band	2.4 GHz ~ 2.4835 GHz
Channel	11 Channels (US, Canada) 13 Channels (Europe) 14 Channels (Japan)
Data Rate	Up to 54Mbps(with Automatic Scale Back)
Transmit Power Output	11b: 20 dBm , 11g: 17dBm (Typical)
Receive Sensitivity	11b: -85 dBm@11Mbps, 11g: -72 dBm@54Mbps (Typical)
Range	11b: 2km, 11g: 1km (Line-of-sight)
Compatibility	Windows 2000/XP
LED Indicators	Power, Link Status
Power	5V DC, 450mA Tx, 370mA Rx, 30mA Power-saving Mode
Temperature	Operating : 0°C to 55°C Storage : -20°C to 70°C
Humidity	95% Non-Condensing
Certification	FCC, CE
USB Cable	4M

1. Insert Product CD-ROM, the menu appears automatically.
2. Click "DRIVER" to install.
3. The main installation page is showed up. Click "Next" to next step.
4. Takes few minutes during the installation.
5. When the installation page come out "The installation is done.". Click "Finish" button and then connect High Radio Power USB Adaptor AWUHG2402 to USB port of your computer.
6. The computer desktop shows Wireless Application icon after the driver installed.
7. The small icon will be showed "On-line" on the desktop in the situation line when AWUHG2402 connected to the USB port of your computer.
8. The small icon will be showed "Off-line" on the desktop in the situation line when AWUHG2402 was removed from your computer.

Utility Program

Once the driver installed, the utility program installed in the same time is ready for further management of AWUHG2402.

To execute the program, there are two ways.

1. Click the Wireless Application small icon on the desktop in the situation line.
2. Click Start / Programs / 802.11g USB Wireless LAN / 802.11g USB / RAConfig2500.exe.
3. In the management page, click "Status" button to browse the wireless network information.
4. Click "Wireless AP" to browse the active AP.
5. Click "Statistic" to realize more information of data transferring.