



EW-7318Ug/ USg

## Wireless LAN USB Adapter USB 2.0, WPA/WPA2 Compliant



EW-7318USg / Ug complies with IEEE802.11g standards and is backward compatible with IEEE802.11b standards. With the connection speed up to 54Mbps (5 times faster than IEEE802.11b), EW-7318USg connects the laptop computer or desktop computer to the wireless network easily. You can also connect to any public wireless hotspot for Internet to retrieve e-mail, surf web sites or use instant messaging. EW-7318USg gives you the freedom to join the network.

### Wireless LAN Security

For WLAN security issues, this adaptor supports 64/128-bit WEP data encryption that protects your wireless network from eavesdropping. It also supports WPA (Wi-Fi Protected Access) feature that combines IEEE 802.1x and TKIP (Temporal Key Integrity Protocol) technologies. Client users are required to authorize before accessing to APs or AP Routers, and the data transmitted in the network is encrypted/decrypted by a dynamically changed secret key. Furthermore, this adaptor supports WPA2 function, WPA2 provides a stronger encryption mechanism through AES (Advanced Encryption Standard), which is a requirement for some corporate and government users.

### Supports Turbo Mode

This adaptor supports higher data throughput than the IEEE 802.11g standard (up to 54Mbps). It supports specific ways to increase the data transfer rate at a time; compress the data and decrease the waiting time to send the next data to the Routers or APs. This feature is called Turbo Mode. When the adaptor is connecting to the Routers or APs with the proprietary feature, the wireless network will be more effective.

### Supports multi-language EZmax setup wizard

The included EZmax setup wizard with 16 languages and friendly UI will walk you through configuring EW-7318Ug/USg to your wireless network.

### Detachable Antenna

The detachable antenna with extended cable let you relocate the antenna to receive the best signals. Also, you can change to any high gain aerial with RPSMA interface. EW-7318USg is your choice for wireless connection!

\* Maximum performance may vary depending on network conditions and environmental factors.



This equipment is intended to be used in all Europe and EFTA countries. Having Edimax Technology declare that this product is in conformity with the European R&TTE Directive (1999/5/EC). A declaration of conformity is available on [www.edimax.com](http://www.edimax.com)

## FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with the IEEE 802.11b and IEEE 802.11g 2.4GHz (DSSS) standards.
- Provides 4dBi high gain detachable antenna to increase the performance
- Supports Turbo Mode to enhance the data transfer speed within the specific wireless network.
- Supports WMM function to meet the multi-media data bandwidth requirement.
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security.
- Supports the most popular operating system: Windows98 SE/Me/2000/XP.
- Supports USB 2.0/1.1/1.0 interface, portable and mini-size design.
- Suitable for any Notebooks or Desktop PCs

HARDWARE INTERFACE	STANDARD	FREQUENCY BAND
<ul style="list-style-type: none"> <li>• 1 USB 1.0/2.0 Type A</li> <li>• 4 dBi High Gain Antenna (EW-7318USg only)</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE802.11b, 802.11g</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4000~2.4835GHz Industrial Scientific Medical Band)</li> </ul>
DATA RATE	INSTALLATION	LED
<ul style="list-style-type: none"> <li>• 54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback</li> </ul>	<ul style="list-style-type: none"> <li>• Multi-language EZmax Setup Wizard</li> </ul>	<ul style="list-style-type: none"> <li>• Link/Activity</li> </ul>
SECURITY	DIMENSION	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> <li>• 64/128-bit WEP Data Encryption</li> <li>• WPA (TKIP with IEEE 802.1x)</li> <li>• WPA2 (AES with IEEE 802.1x)</li> </ul>	<ul style="list-style-type: none"> <li>• 9(H) x 27(W) x 87(D) mm</li> </ul>	<ul style="list-style-type: none"> <li>• Max. 95% (Non Condensing)</li> <li>• 32~122°F (0 ~50°C)</li> </ul>
SYSTEM REQUIREMENTS	TRANSMIT POWER	CERTIFICATIONS
<ul style="list-style-type: none"> <li>• Windows 98SE/Me/2000/XP/ Vista</li> </ul>	<ul style="list-style-type: none"> <li>• 17dBm± 2dBm</li> </ul>	<ul style="list-style-type: none"> <li>• CE, FCC</li> </ul>

## NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7318USg / Ug can be setup:

- Connect the EW-7318USg / Ug wireless adapter to your computer.
- Setup the Internet connection by running the multi-language EZmax setup wizard.
- Connect to wireless access point or broadband router .

