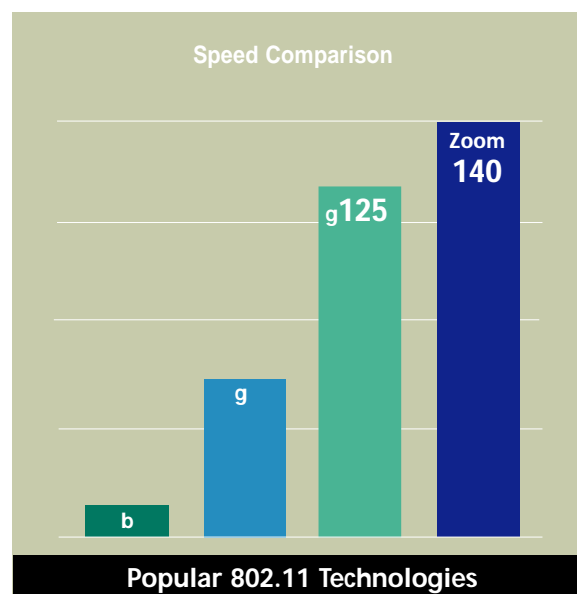## Model 4410

Zoom Wireless-G USB

Wi-Fi® LAN Adapter Supports 802.11g and 802.11b

■ Plugs into the USB port of a Windows computer (XP, 2000, Me, 98SE)

■ Works in all 802.11g, 802.11b, and mixed networks

■ **Zoom 140 Speed Booster** - for faster than normal and enhanced 802.11g

■ High Security with WPA (WiFi® Protected Access) and WEP

■ Powered by the USB port, so no power cord is needed - reduces power cube clutter

■ Semi-rigid USB cable allows adjustment of antenna orientation to maximize throughput

■ 2-Year Manufacturer Warranty

Speeds up to 140 Mbps!

Speed Comparison

Popular 802.11 Technologies

The 802.11g Wi-Fi standard transmits at a maximum of 54 Mbps. Higher effective speeds, like 125 Mbps and 140 Mbps, can be achieved by using special compression algorithms and techniques like packet aggregation and frame bursting. The maximum speed you get depends on the type of data being sent and the actual data rate of your 802.11g connection.

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System Requirements

- Windows XP, 2000, Me, or 98SE computer (98SE requires 300 MHz or faster processor and 64 MB RAM)
- Available USB port
- CD-ROM drive

Package Contents

- Wireless-G USB Adapter
- CD with installation software and User Manual in English, French, German, Greek, Portuguese, Spanish, and Turkish
- Quick Start Manual (7 languages)
- Semi-rigid USB Cable (6.5", 16.5 cm)

CE

**Model 4410
Wireless-G USB
Specifications**

Standards	• 802.11b/g (Wireless LAN)
Interface	• USB 2.0 backward compatible to 1.1 and 1.0
Network Configuration	• Ad-Hoc (peer to peer) • Infrastructure
Security	• 64/ 128 bit, WEP (Wired Equivalent Privacy) with Pass Phrase • WPA (Wifi® Protected Access) with Pass Phrase
Radio Technology	• 802.11b: Direct Sequence Spread Spectrum (DSSS) • 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)
Antenna	• Type: On board with 1.5 dBi minimum gain
Transmission Rates	• 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps • Zoom 140 Speed Booster for up to 140 Mbps effective rate*
Range Coverage	• Indoor : Up to 100 Meters (328 Feet) depending on environment • Outdoors: Up to 350 Meters (1155 Feet) depending on environment
Receiver Sensitivity	• 54 Mbps: Typical -68 dbm @ <10 % PER (Packet Error Rate) • 11 Mbps: Typical -83 dbm @ <8% PER (Packet Error Rate)
LED Status Indicator	• Network Link (LINK)
Wireless LAN Frequency Range	• IEEE 802.11b/g • US (FCC) Channel 1 through 11 • Canada (IC) Channel 1 through 11 • Europe (ETSI) Channel 1 through 13
Dimensions (L x W x H)	• 84.1 x 27.9 x 13.7 mm / 3.31 x 1.10 x .54 inches
Weight	• 22 grams / 0.06 LBS
Power Voltage	• 5 Volts +/- 5%
Temperature	• Operating 0 to 55 C (32 to 122 F) • Storage -20 to 65 C (-0 to 150 F)
Humidity	• 5 - 95% non-condensing
Power Consumption (Typical)	• Transmit Mode: 1.75 watts • Receive Mode: 1.65 watts
Transmit Power (Typical)	• > +15 dBm
Compliance	• FCC SAR, Part 15B, Part 15C • Canada RSS-210 • CE • EN60950-1:2001, IEC60950-1:2001 • EN300-328-v1.6.1 (2004-11) • EN301-489-1 v1.4.1 (2002-08) • EN301-489-17 v1.2.1 (2002-08)
Software Drivers	• Windows 98, 98SE, Me, 2000, XP

* The 802.11g Wi-Fi standard transmits at a maximum of 54 Mbps. Higher effective speeds of up to 140 Mbps, can be achieved by using compression algorithms and techniques like packet aggregation and frame bursting. The maximum speed obtained depends on the type of data being sent, the actual data rate of the 802.11 connection and the speed of the USB port.